The effect of paclitaxel on apoptosis, autophagy and mitotic catastrophe in AGS cells

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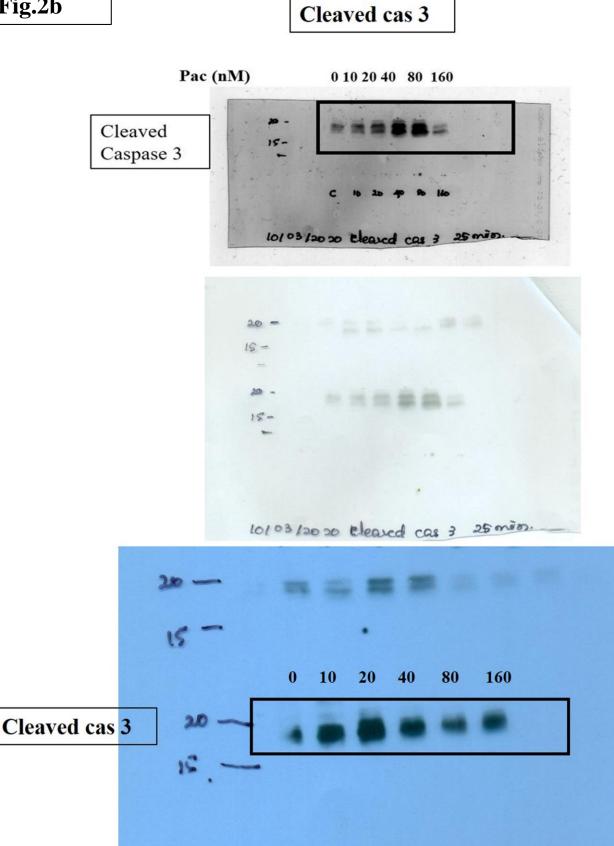
Laboratory of Signaling and Pharmacological Activity, Department of Pharmacology, College of Pharmacy, Chung-Ang University, Seoul, Republic of Korea

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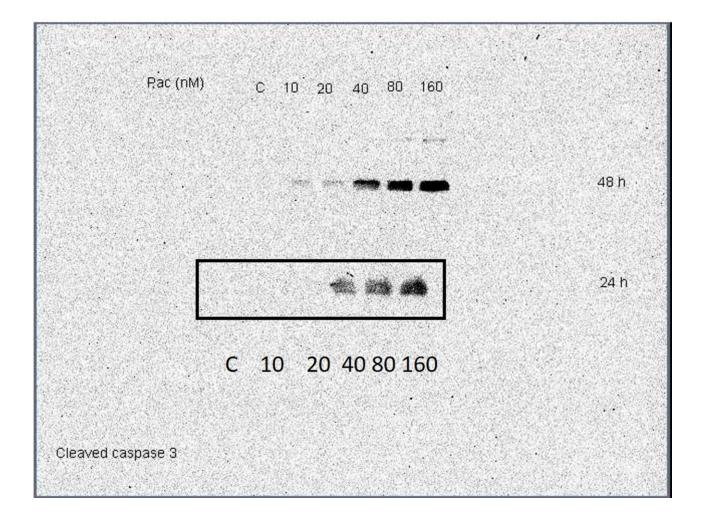
Supporting Data

Fig. AA Photographs of the replicated full-length blots described in Figure 2

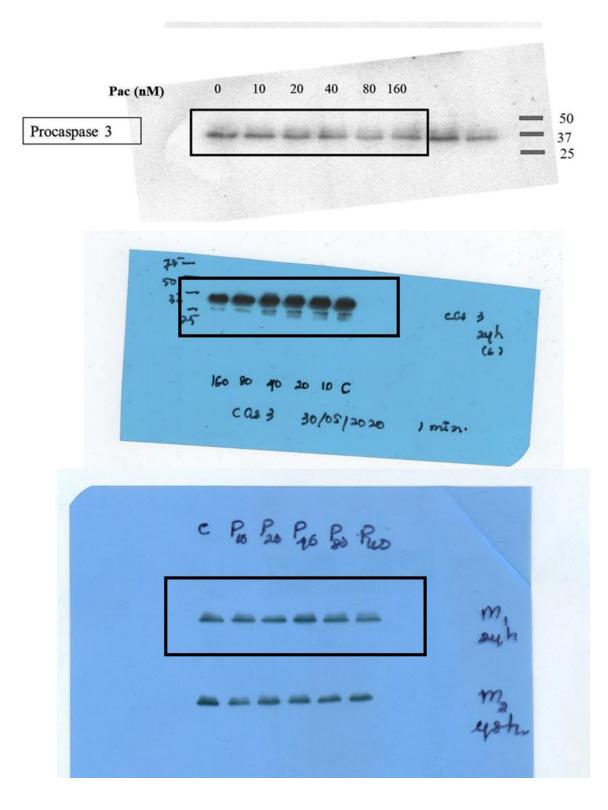




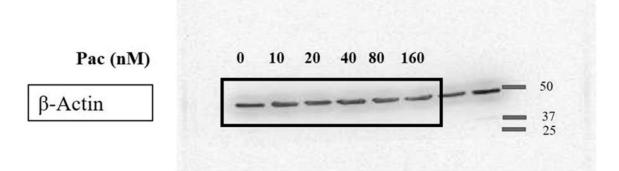
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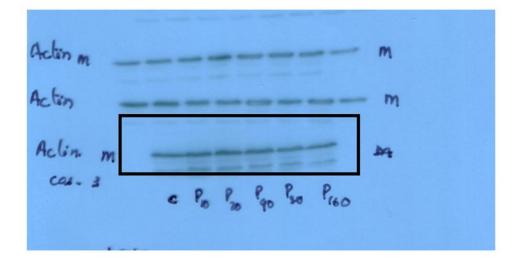


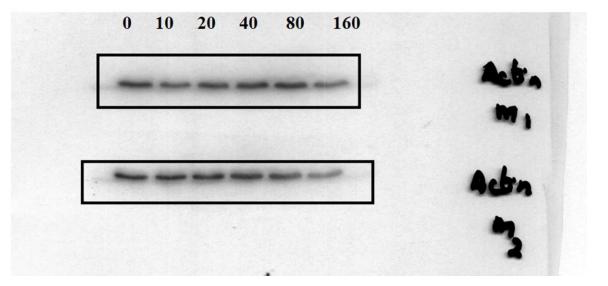




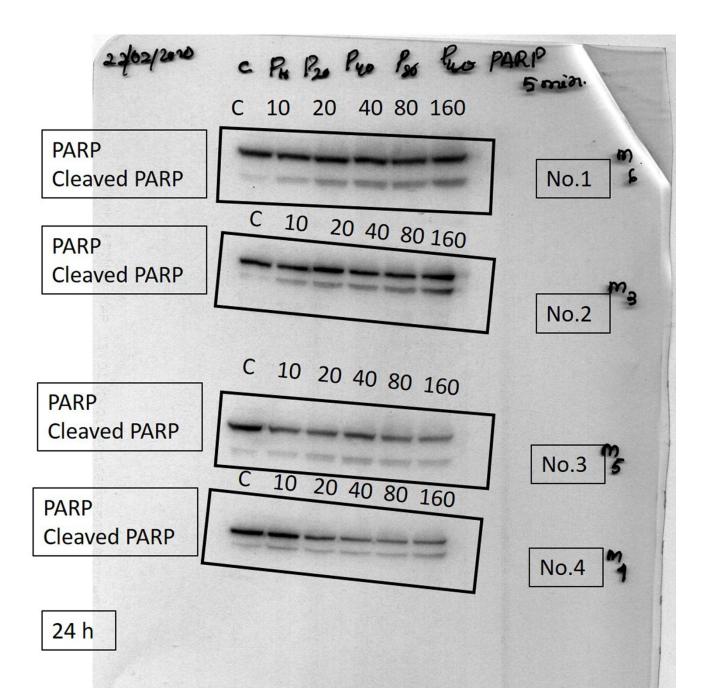








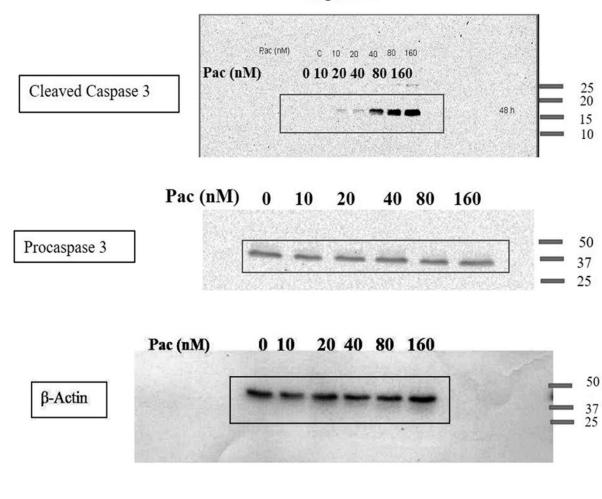
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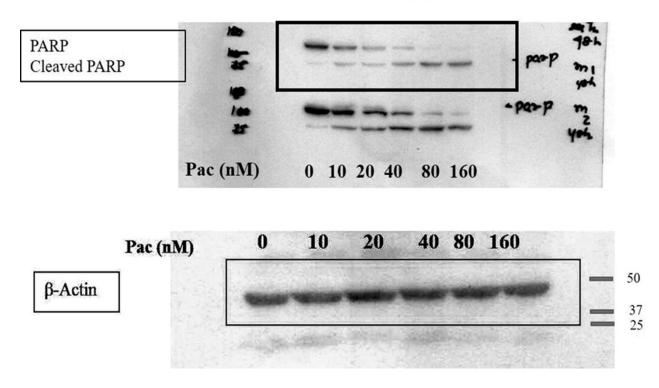
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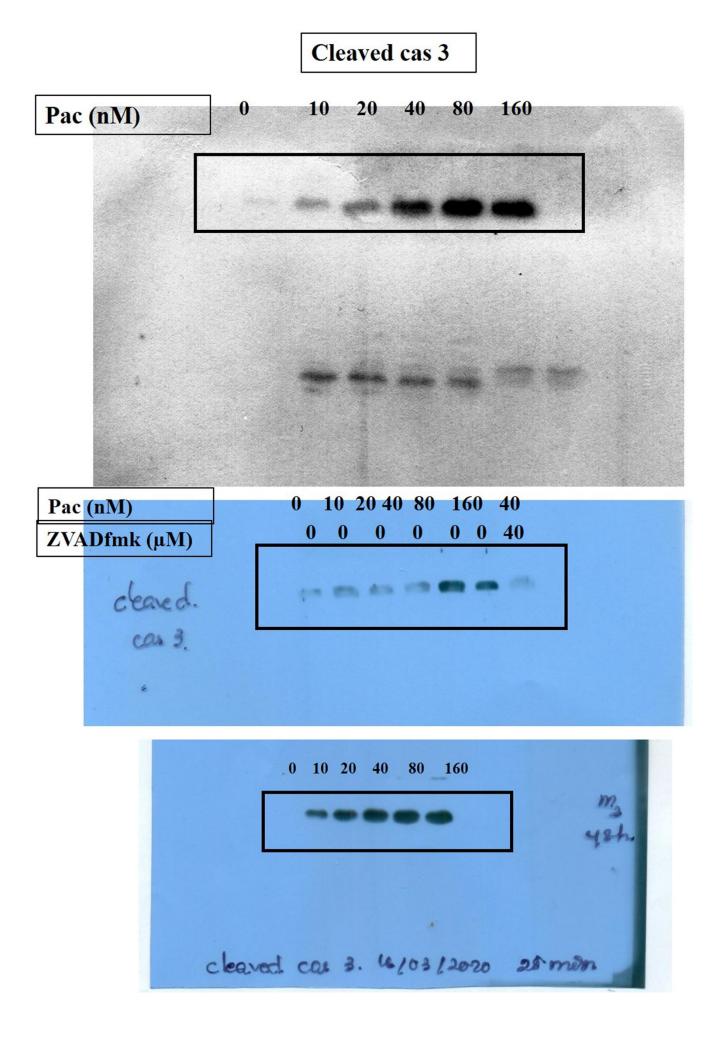
Fig.2d

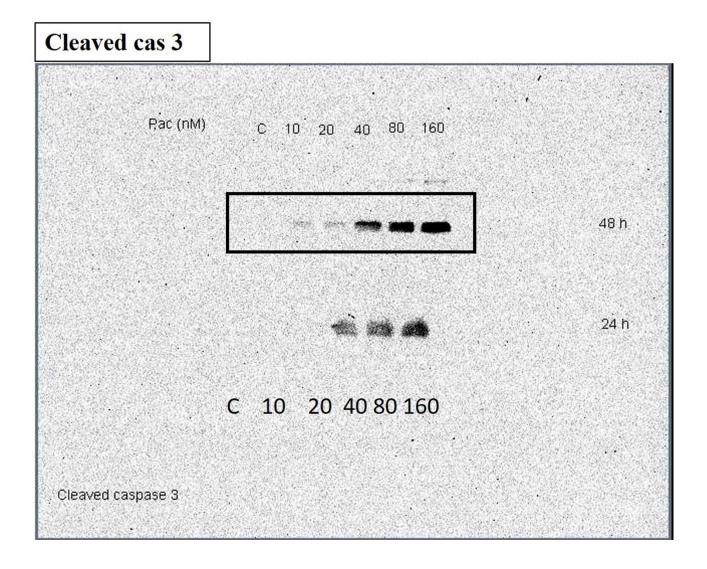
Caspase -3



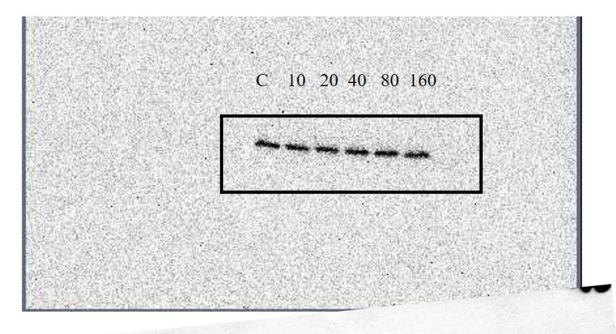
PARP

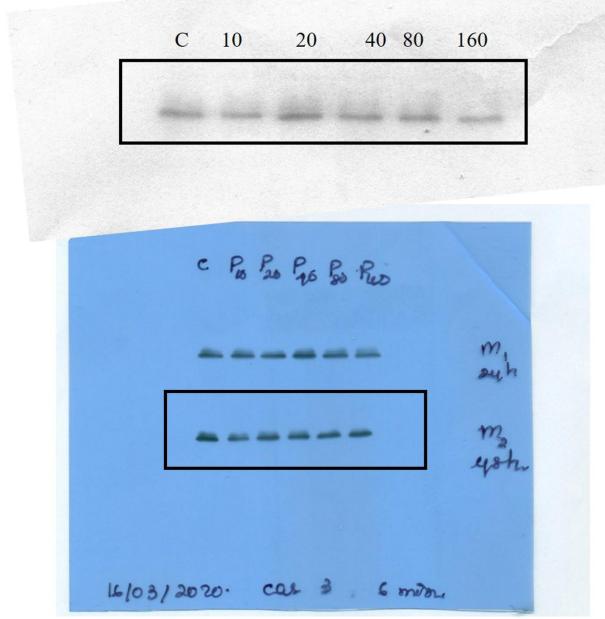




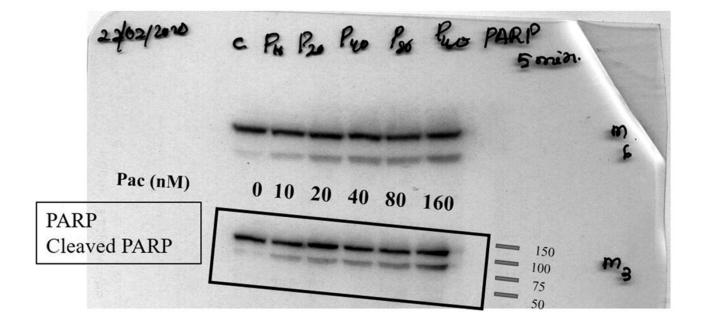








PARP



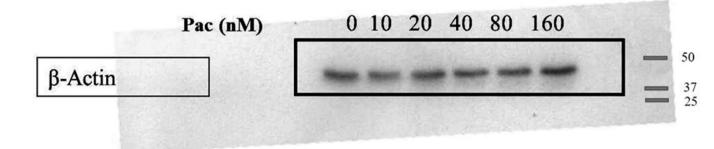
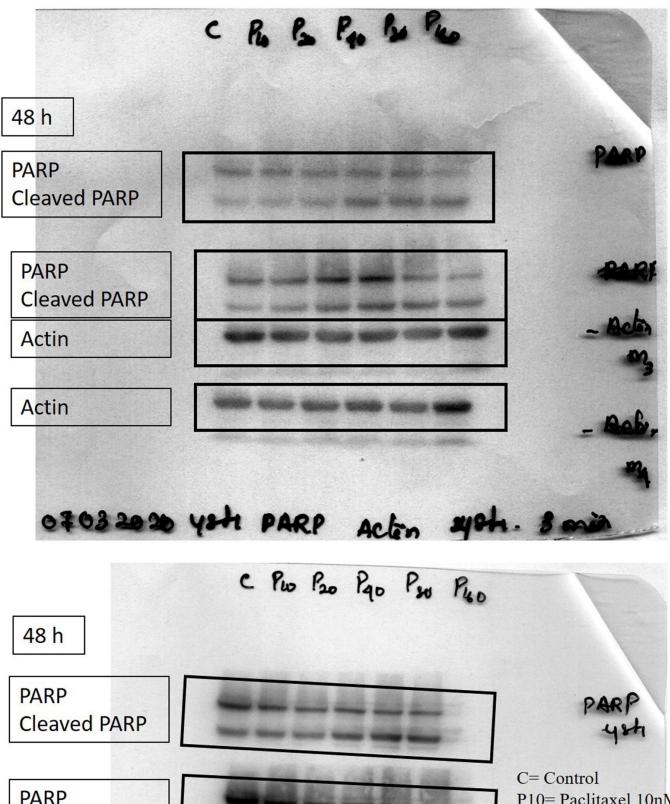


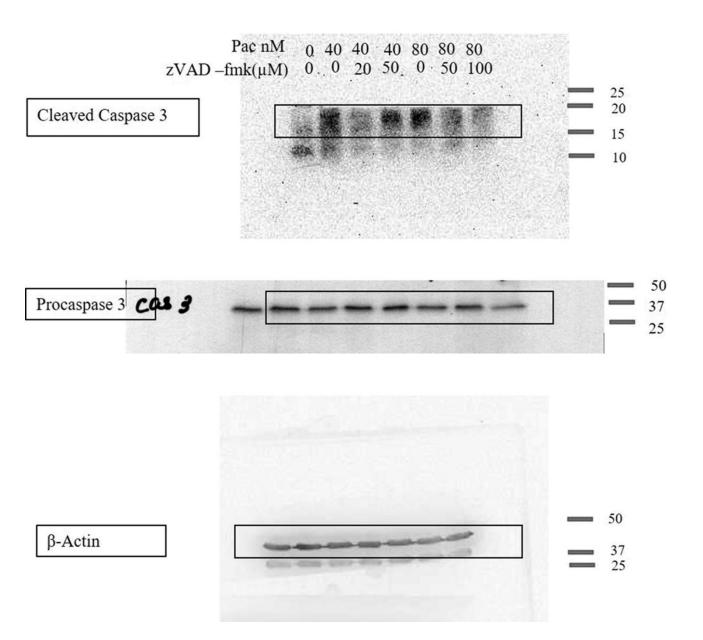
Figure. 2d	PARP		
		c Ro & Pyplar Rec	+ - + - +
48 h	82- 52-		- pontlel m
PARP Cleaved PARP	-		- paop mi
PARP Cleaved PARP	100 100 25		-parp m 2 you
C= Control 10= Paclitaxel 10nM		C 10 20 40 80 160	
20= Paclitaxel 20nM 40= Paclitaxel 40nM 80= Paclitaxel 80nM 160=Paclitaxel 160nM		920. 25 min.	

Figure. 2d

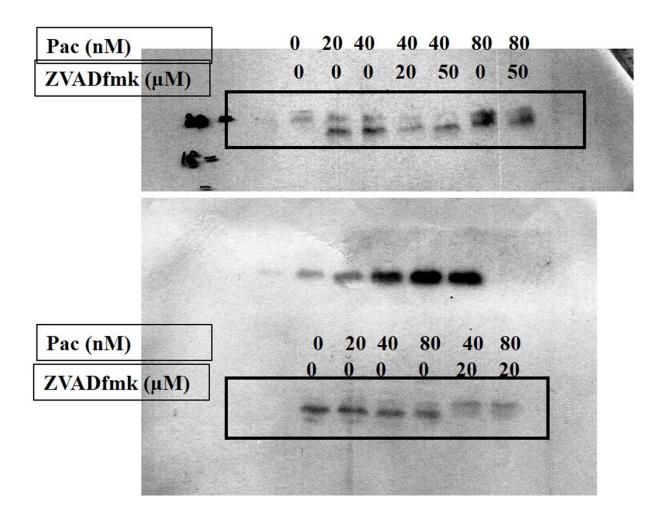


Cleaved PARP

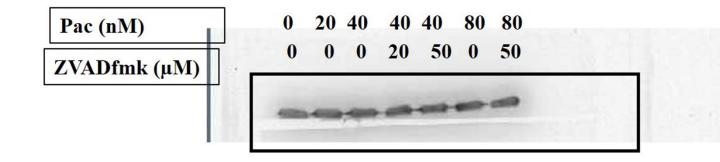
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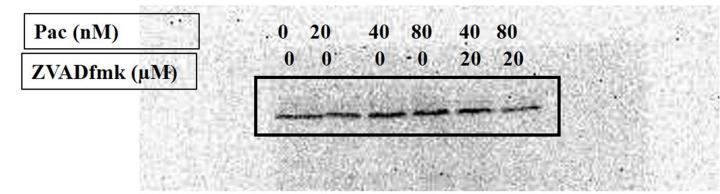


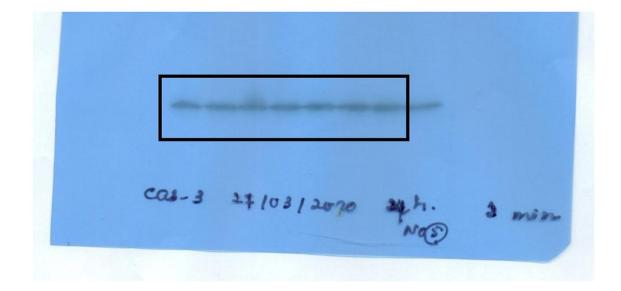
20 15 = 20 -15-







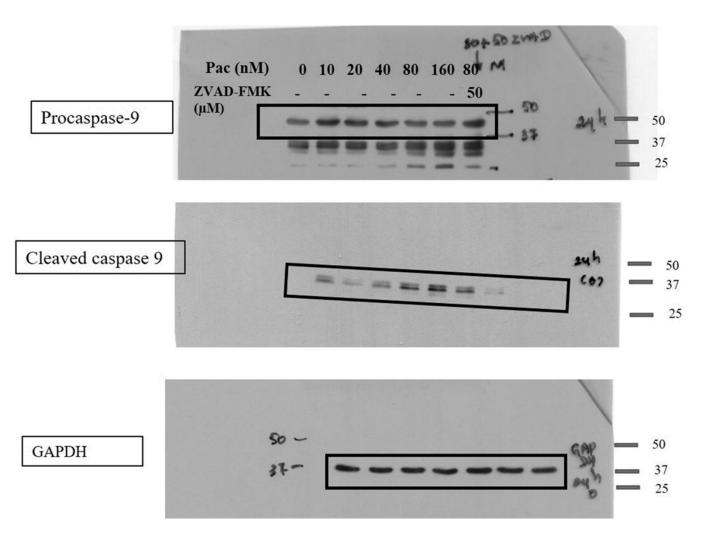




Supporting data

Fig. BB Photographs of the replicated full-length blots described in Figure 3

Fig. 3b



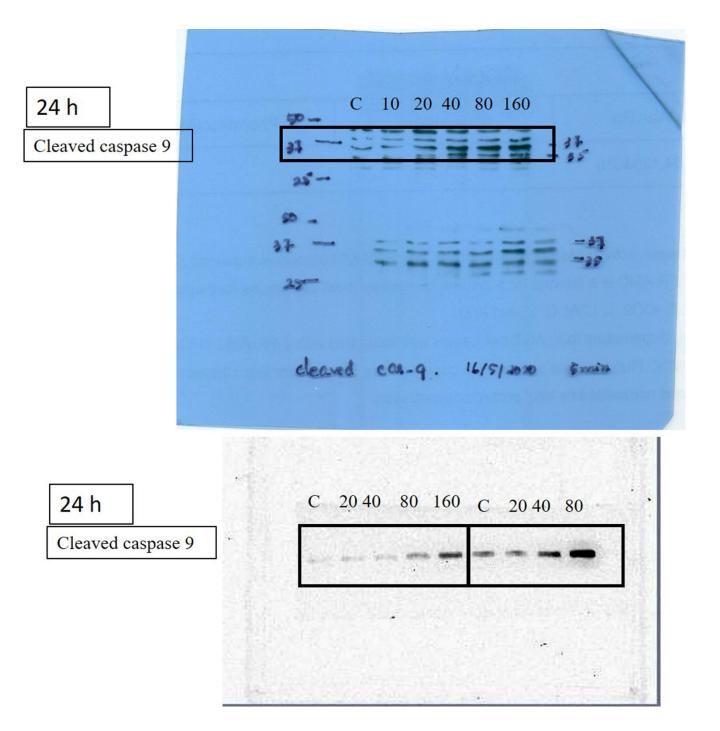
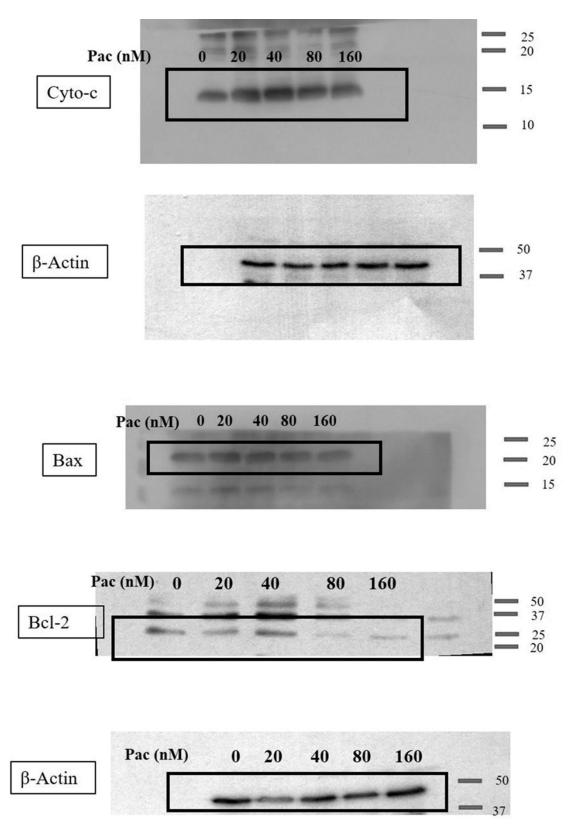
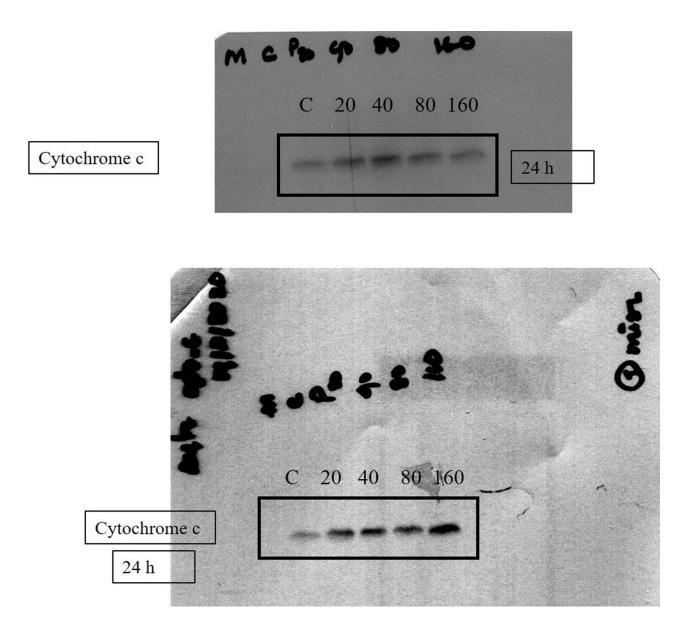
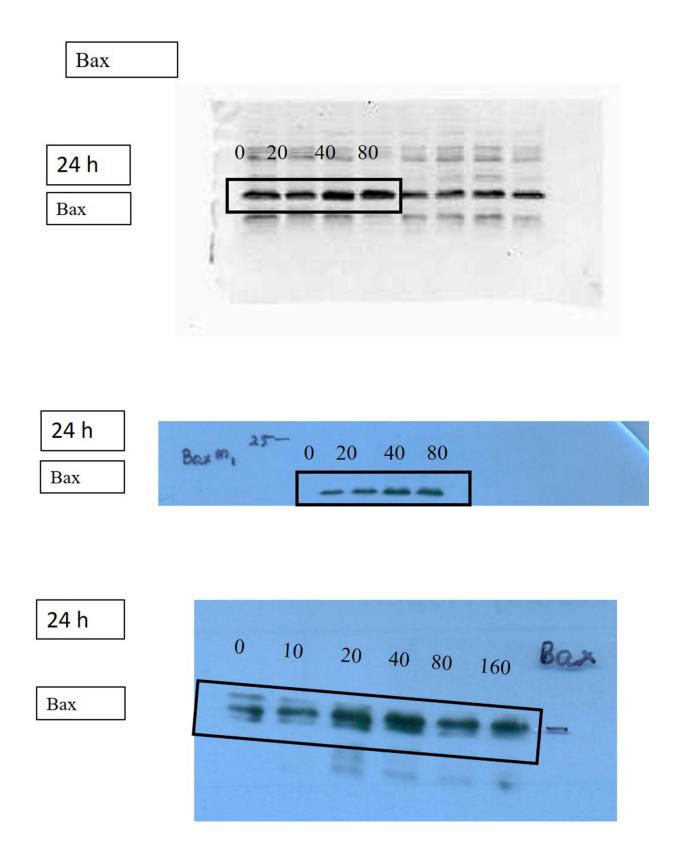
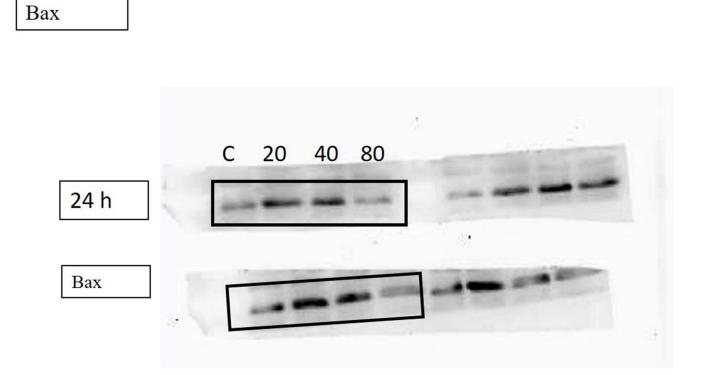


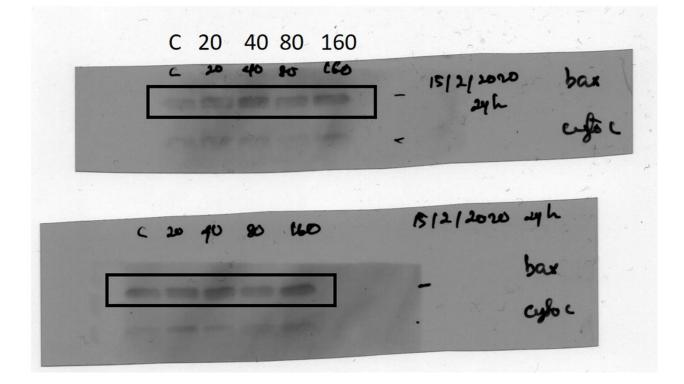
Fig. 3c

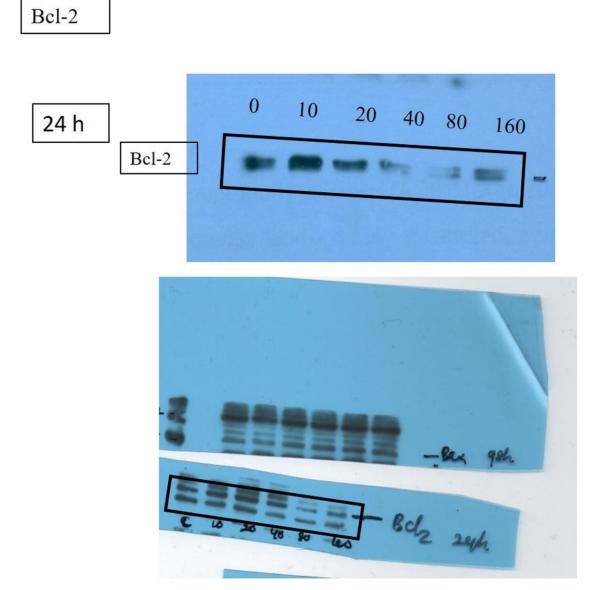


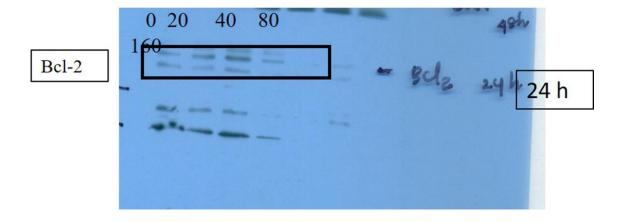










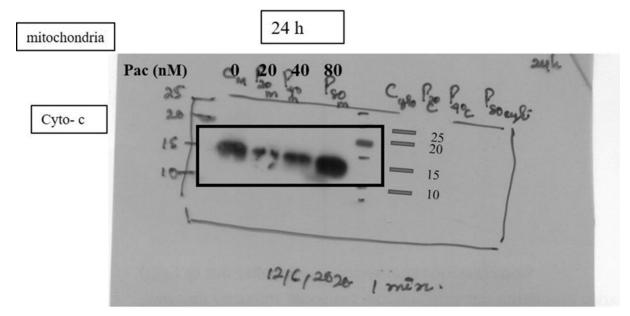


Bcl-2
24 h
$$24 h$$

 $25 c 20 40 80$



Fig.3d



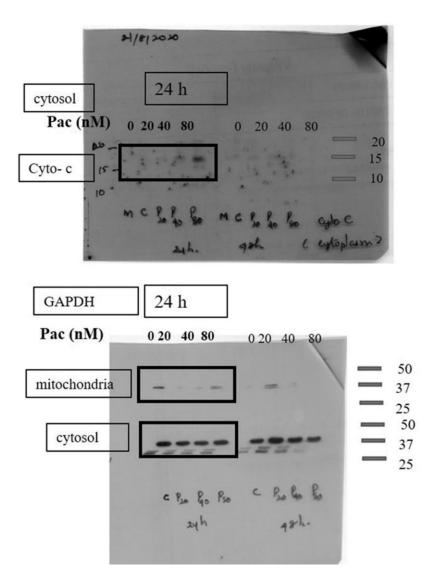
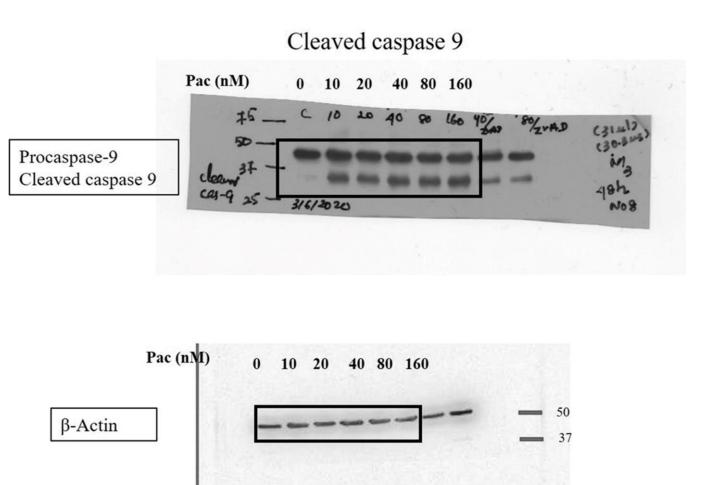


Fig. 3f



Cleaved caspase 9

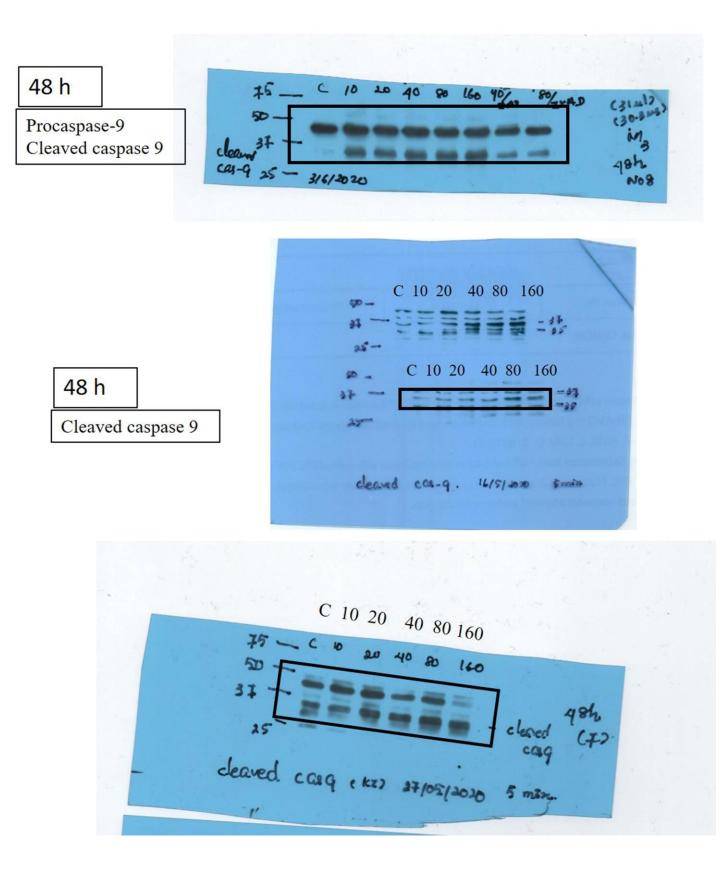
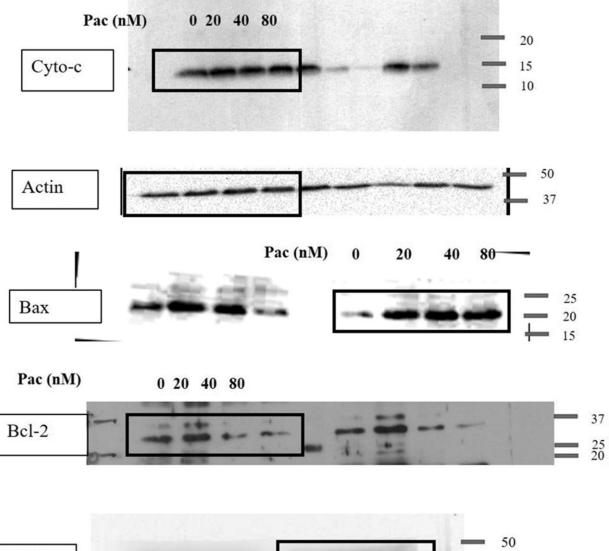
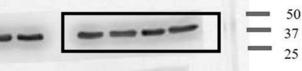


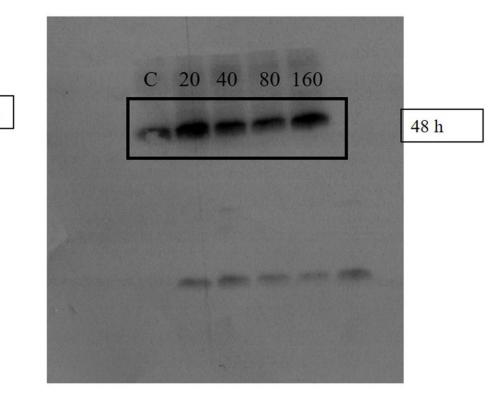
Fig. 3g



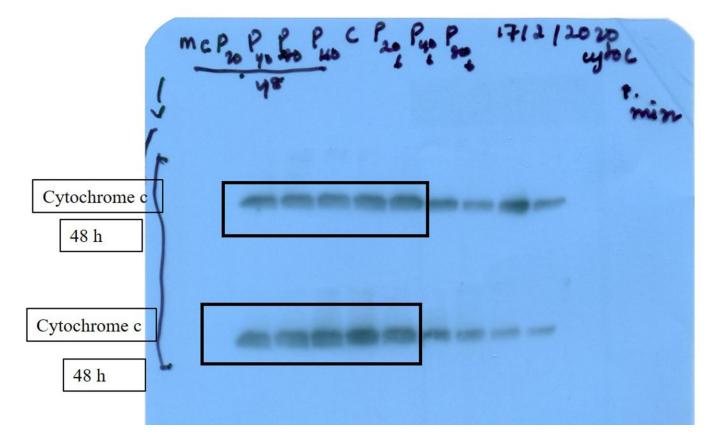
GAPDH

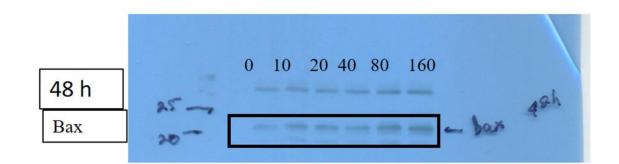


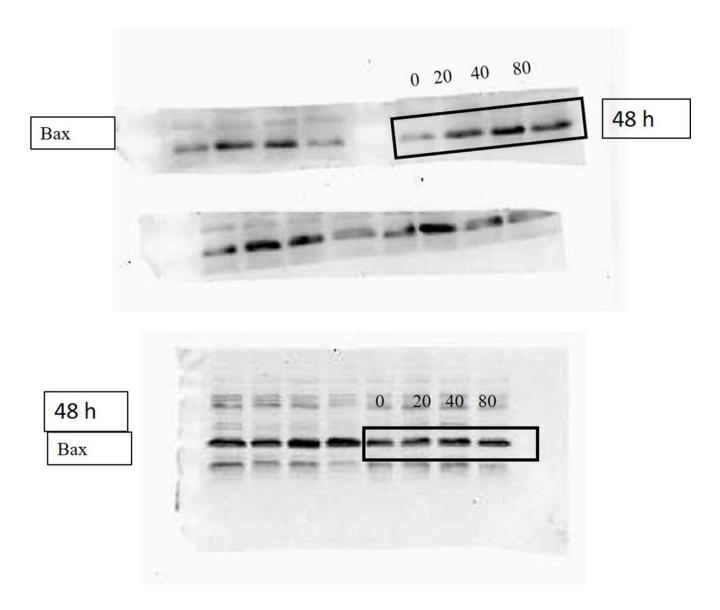
Cytochrome c



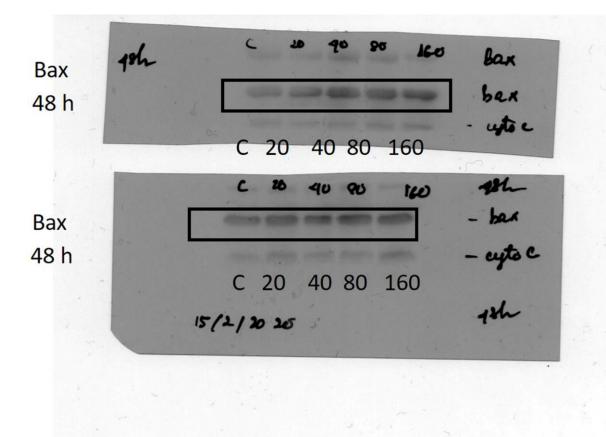
Cytochrome c







Bax



Bcl-2

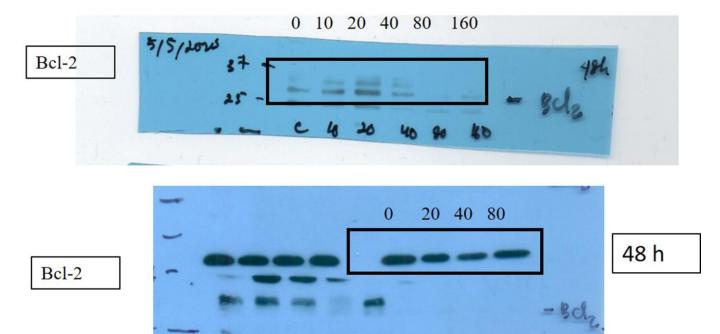
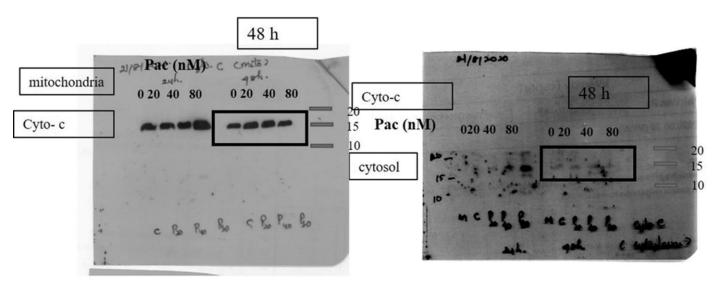
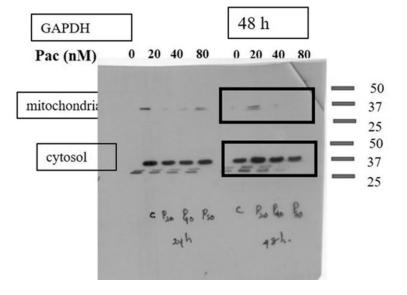


Fig. 3h

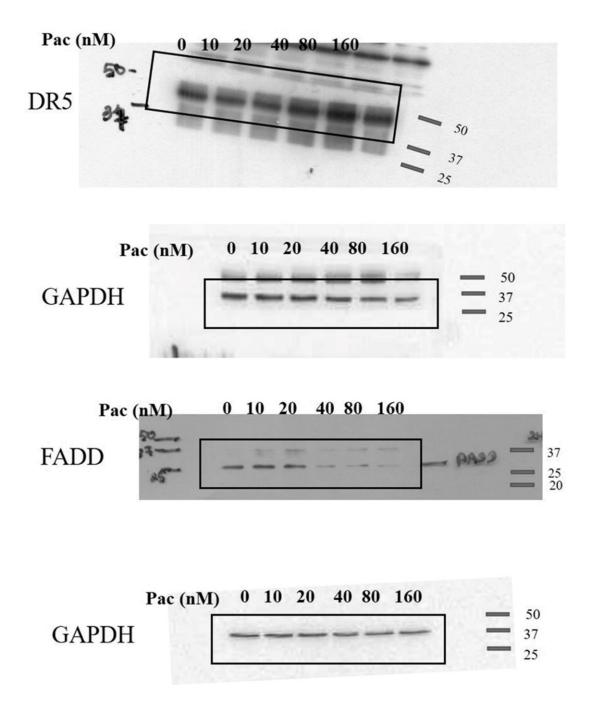




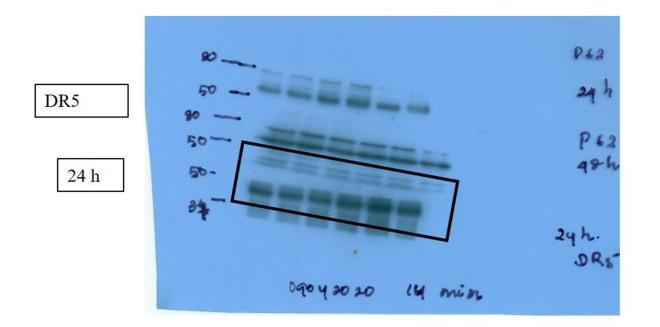
Supporting data

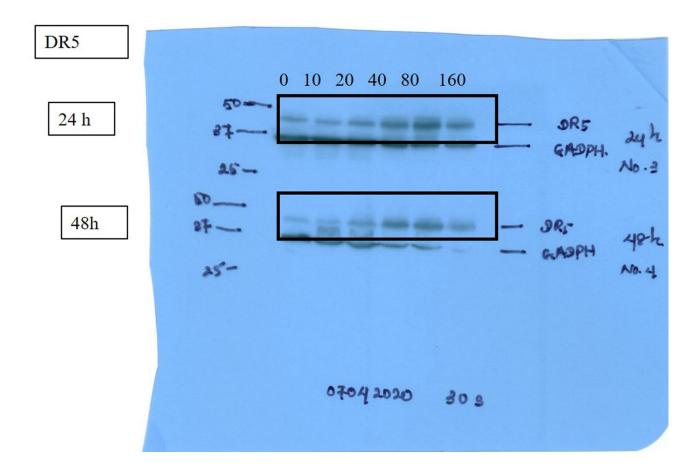
Fig. DD Photographs of the replicated full-length blots utilized in Figure 4

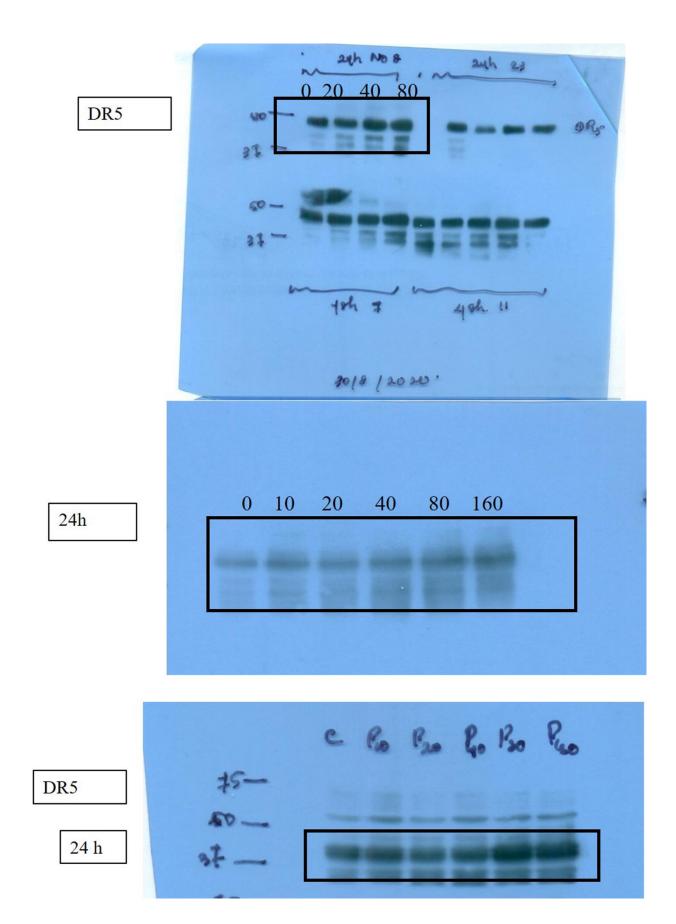
Fig. 4a



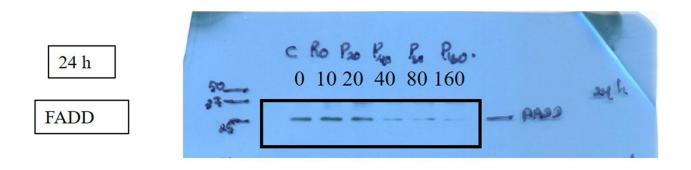


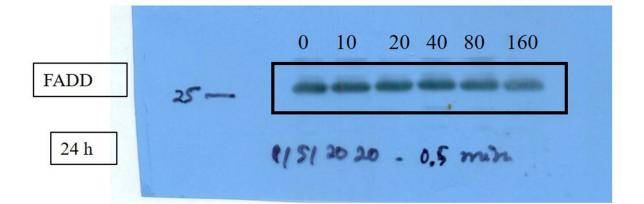






FADD





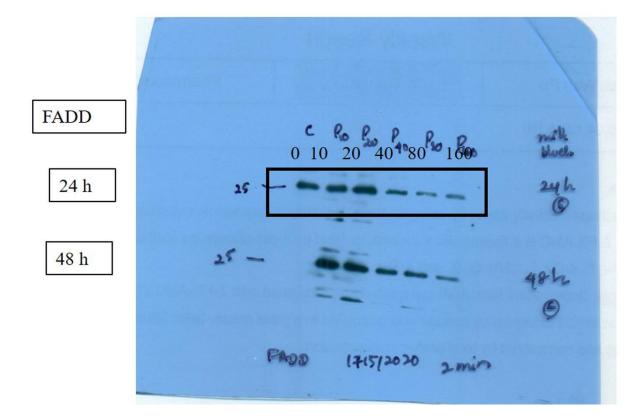
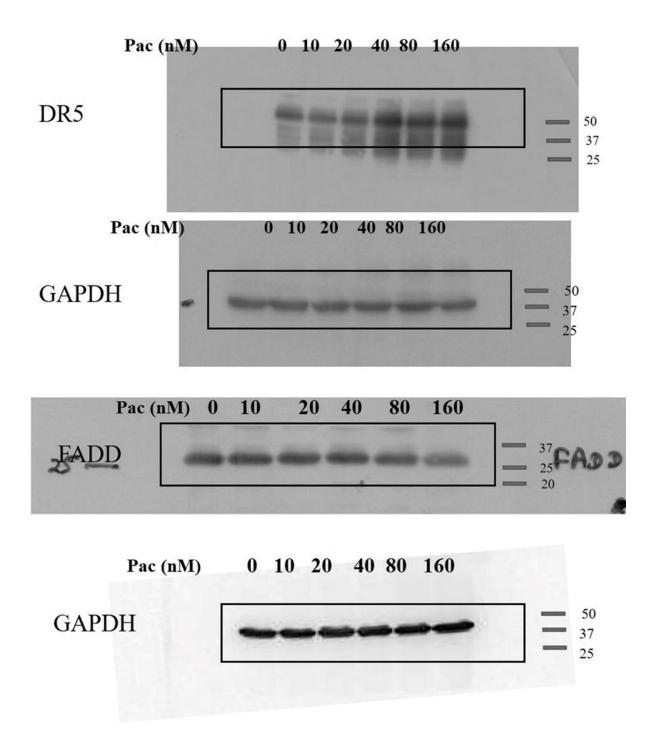
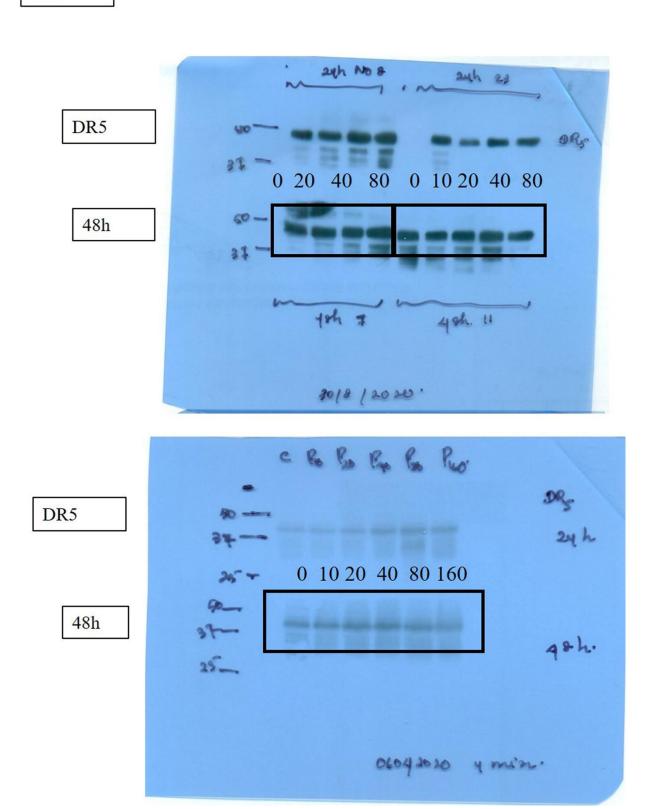


Fig.4b





DR5

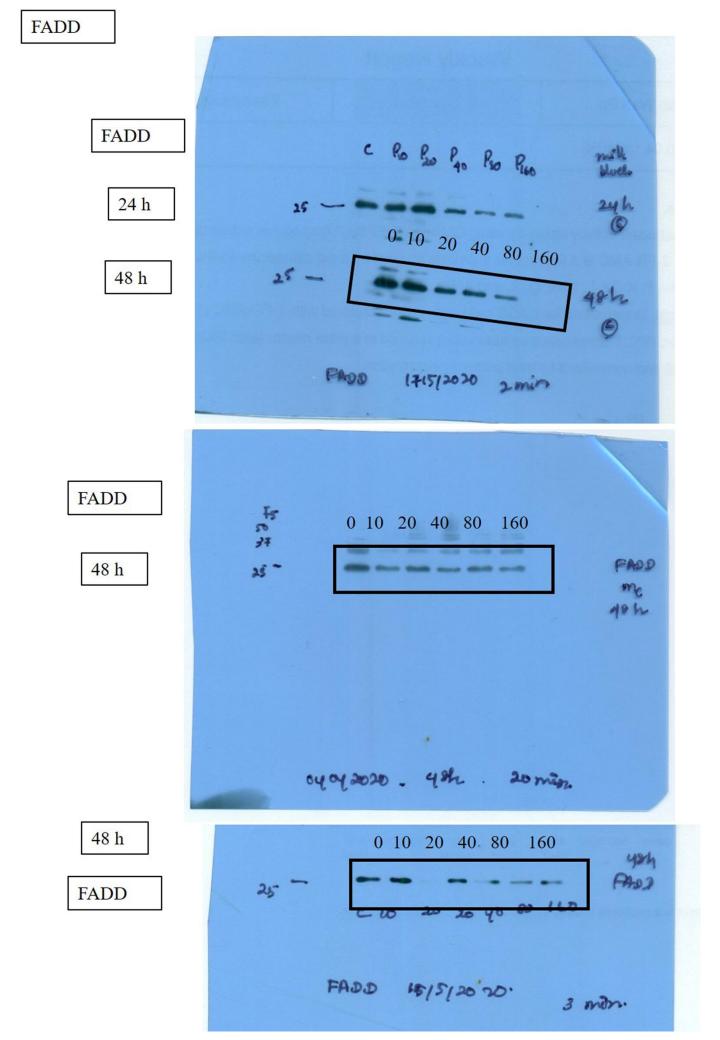
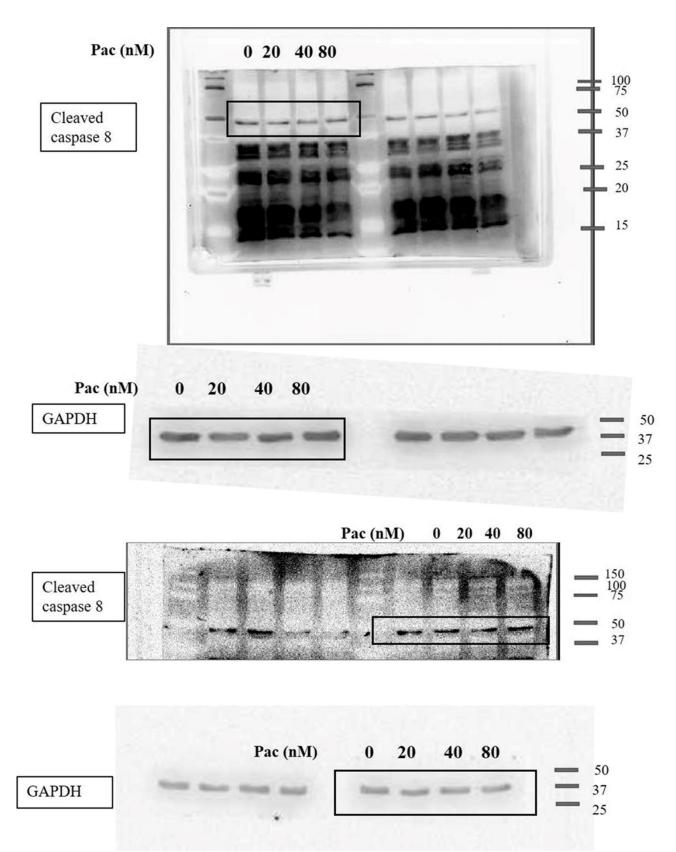
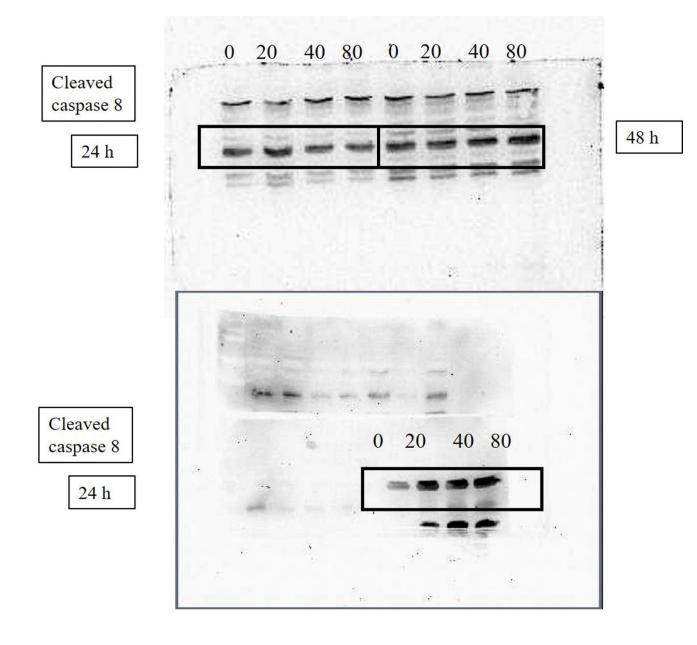
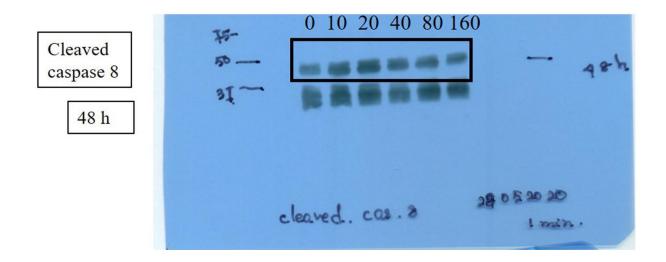
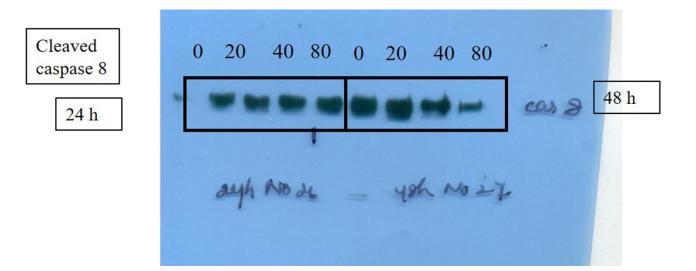


Fig. 4c



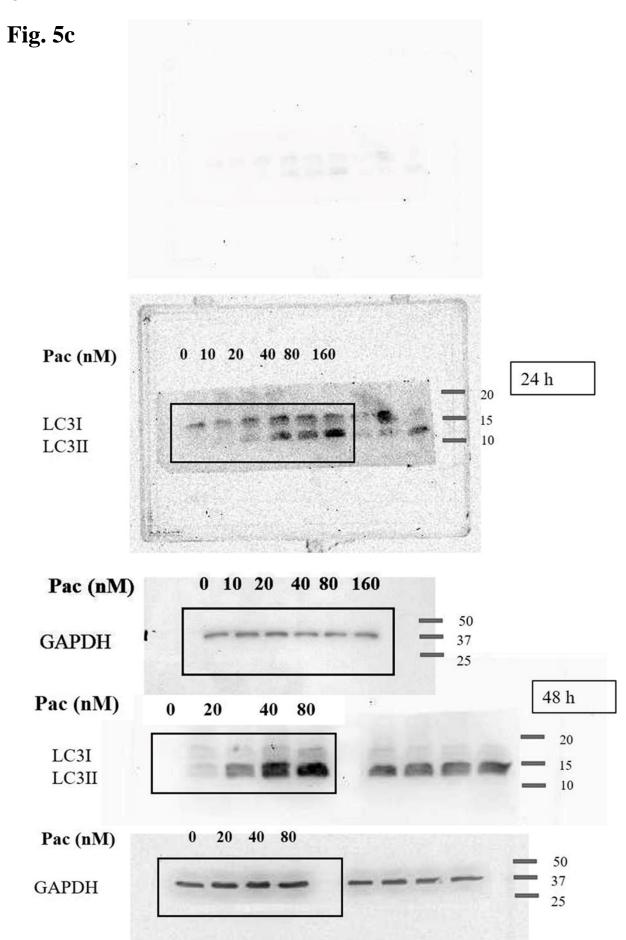


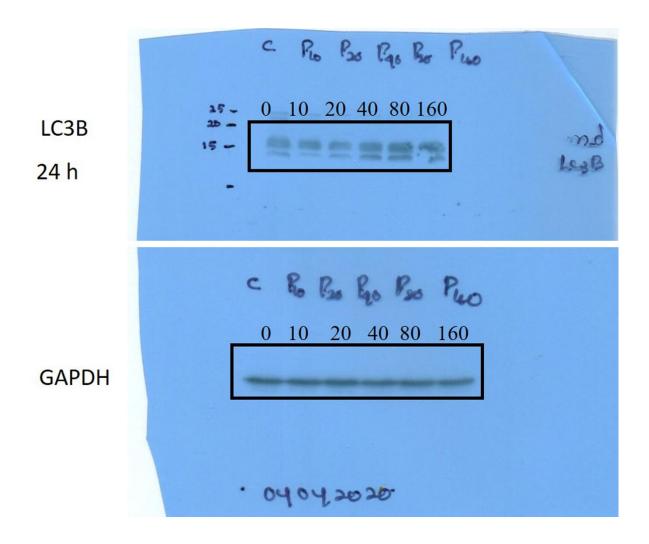


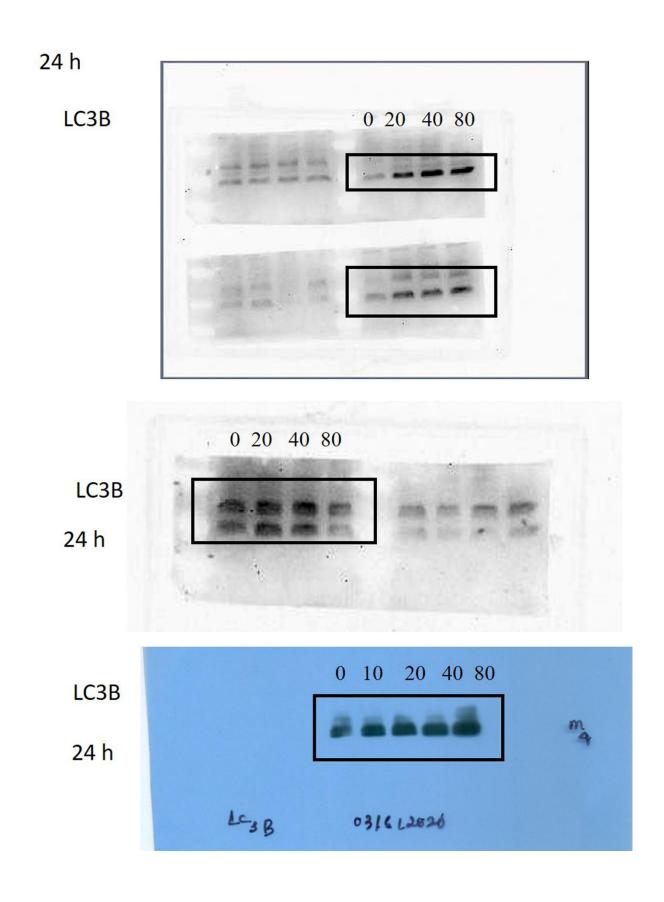


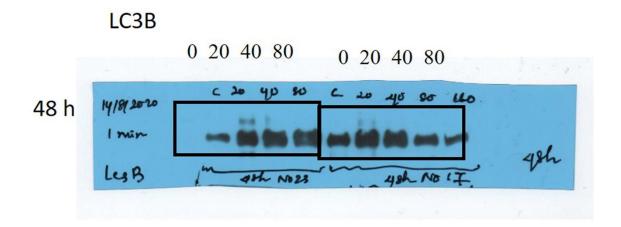
Supporting data

Fig.EE Photographs of the replicated full-length blots described in Figure 5



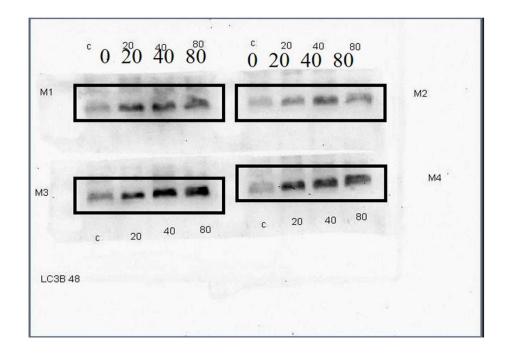




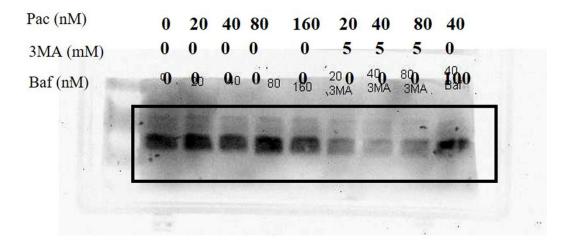


LC3B

48 h



LC3B





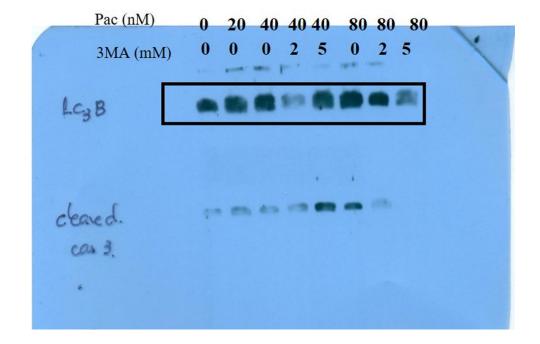
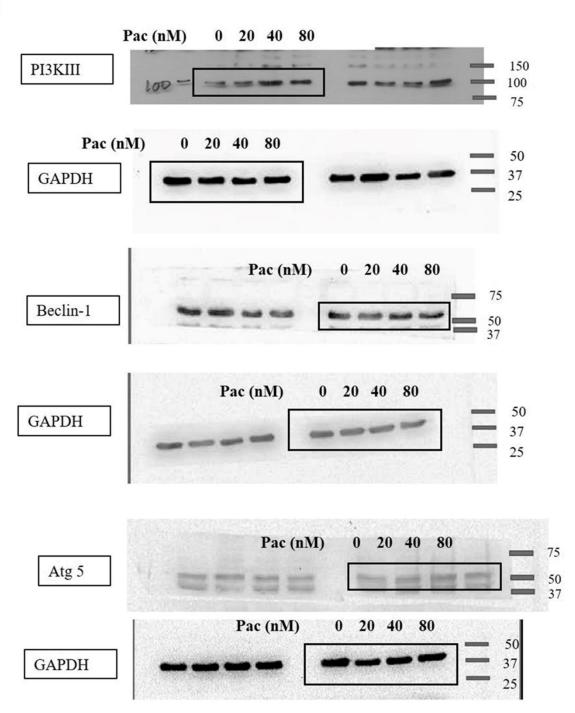
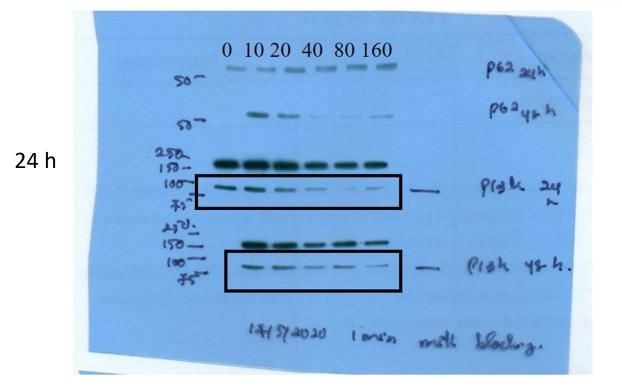


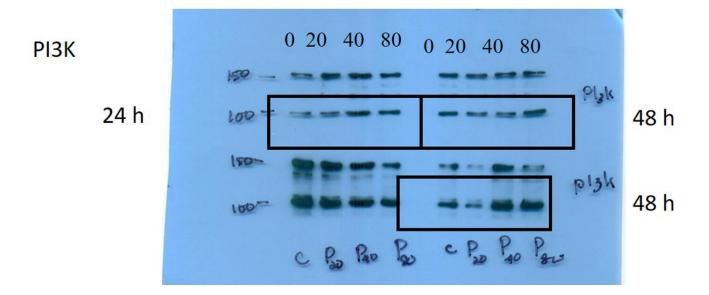
Fig. 5d

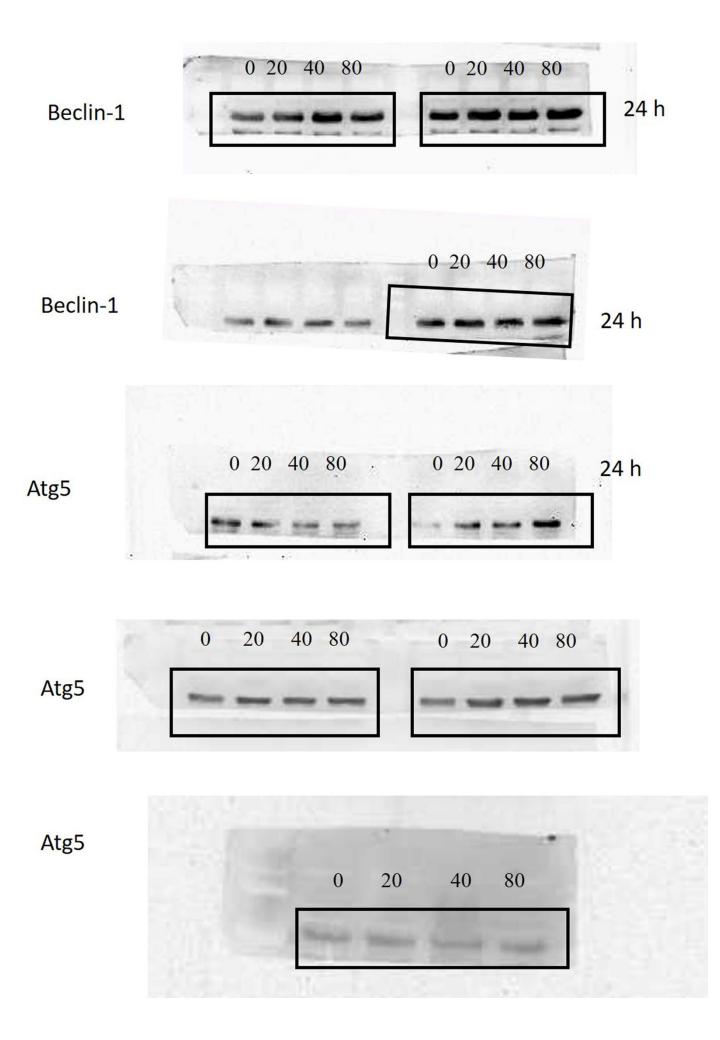
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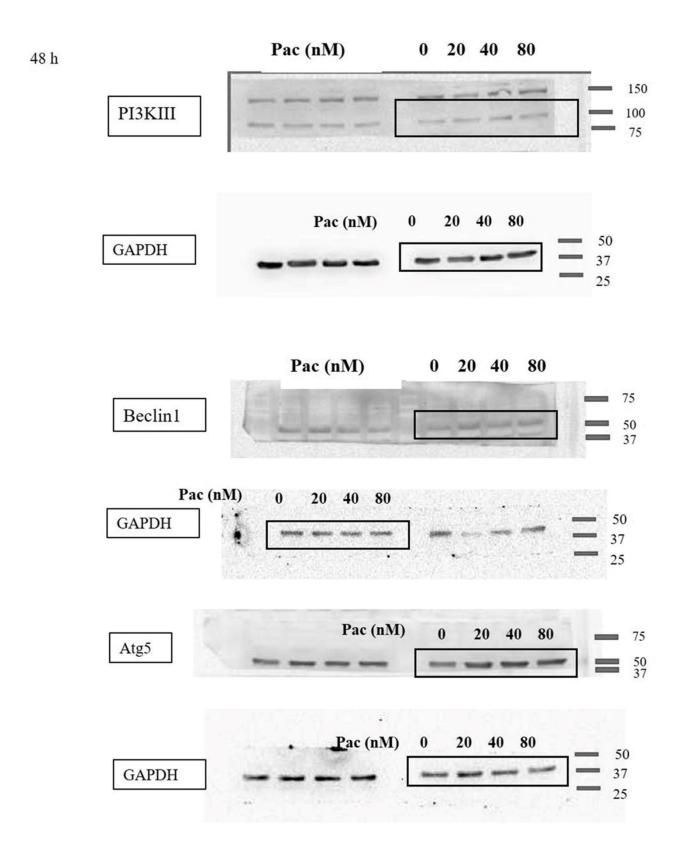


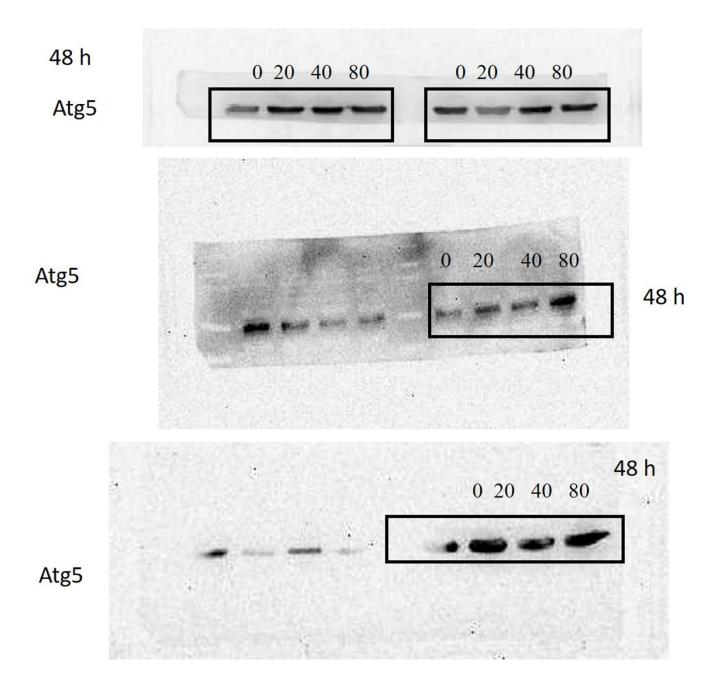
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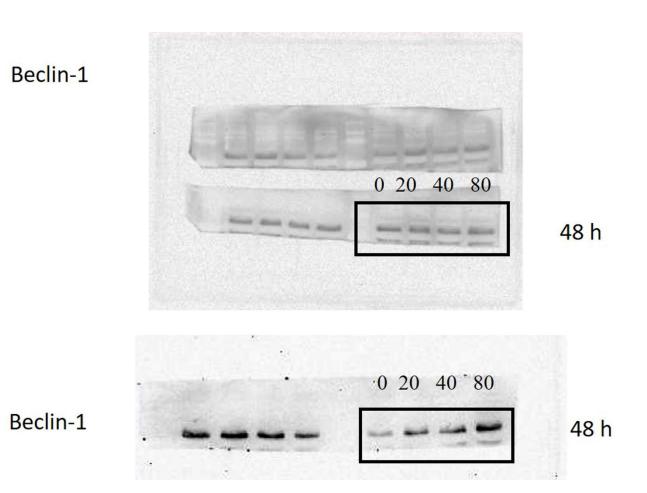


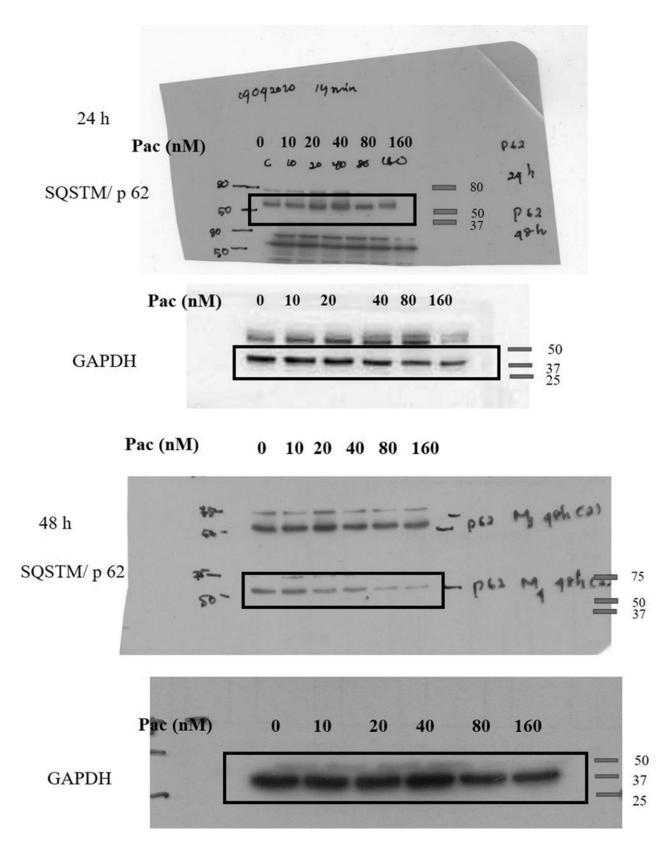


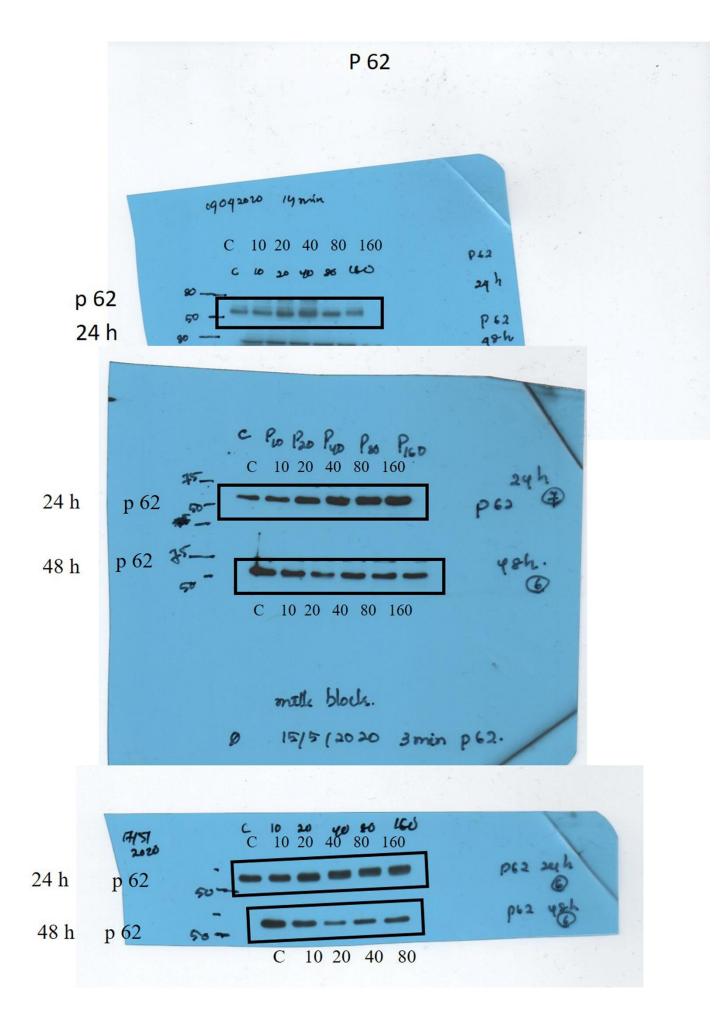




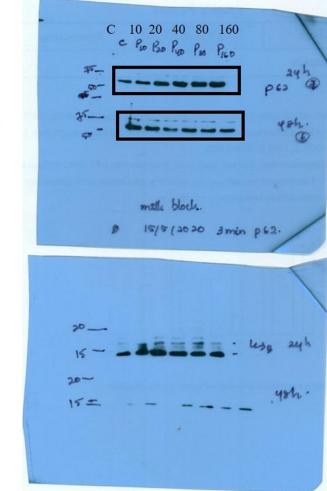








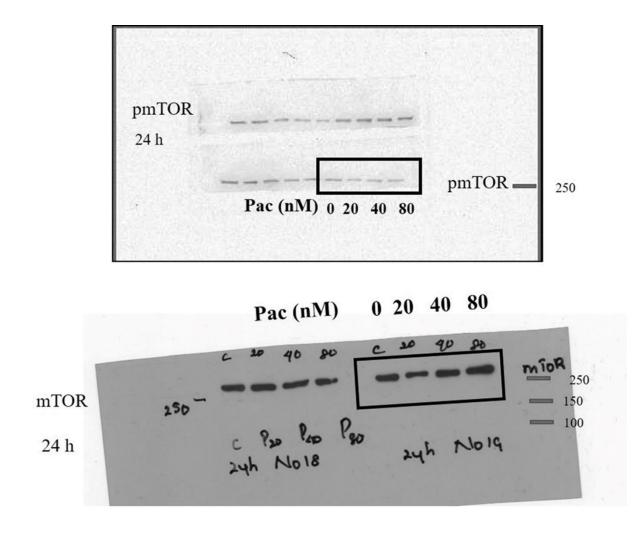
2410412020 19 min p 62 C Pue 10 20 40 80 160 C M, 24 h car 75-24 h 50 -My syhers 75-24 h 50pes My geticas 17-48 h 40 -- pes my geness 48 h 7-4 . 50'



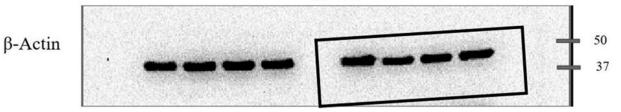
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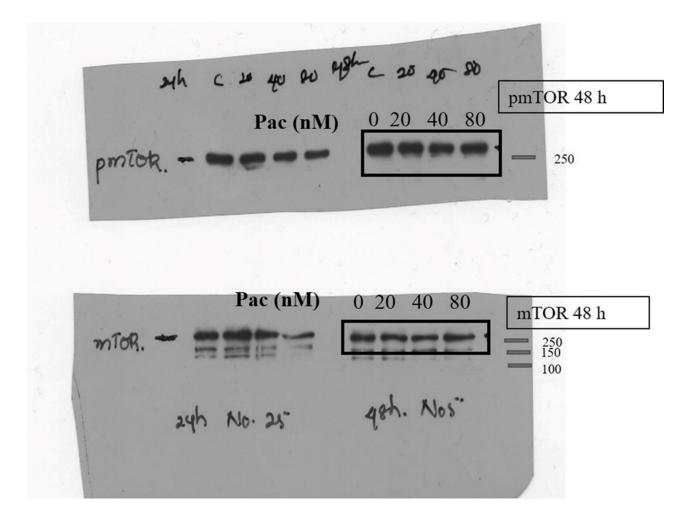
48 h p62

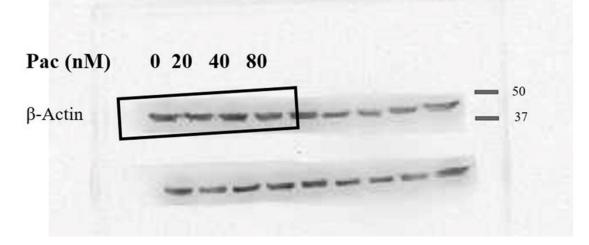
Fig. 5f

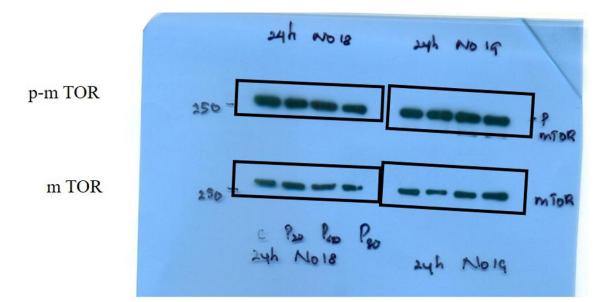


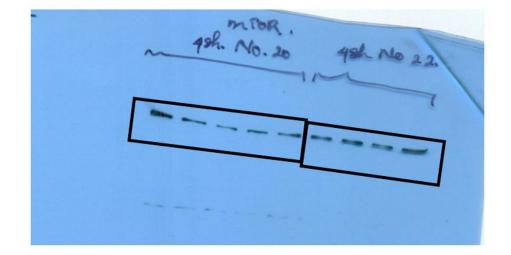




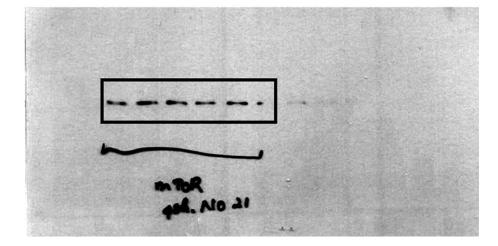




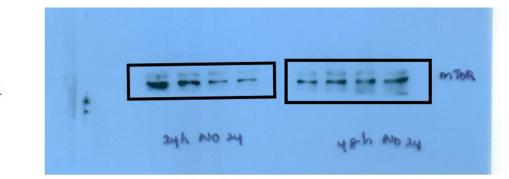




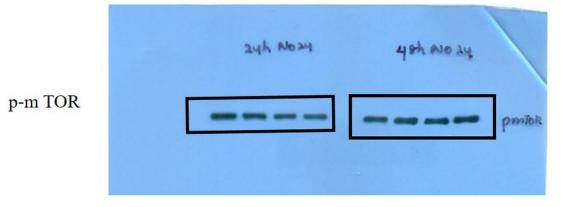
m TOR



m TOR



m TOR



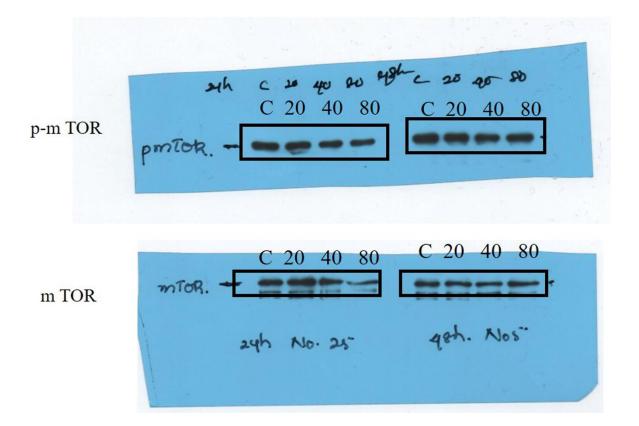
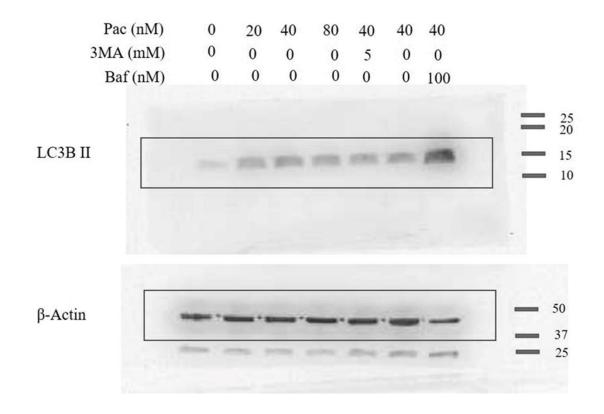


Fig. 5g



Supporting data

Fig. FF Photographs of the replicated full-length blots described in Figure 6

Fig. 6b

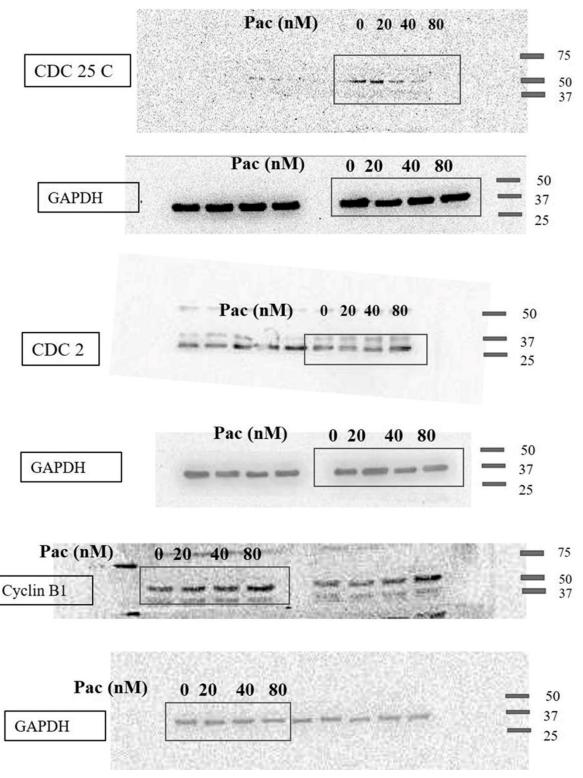
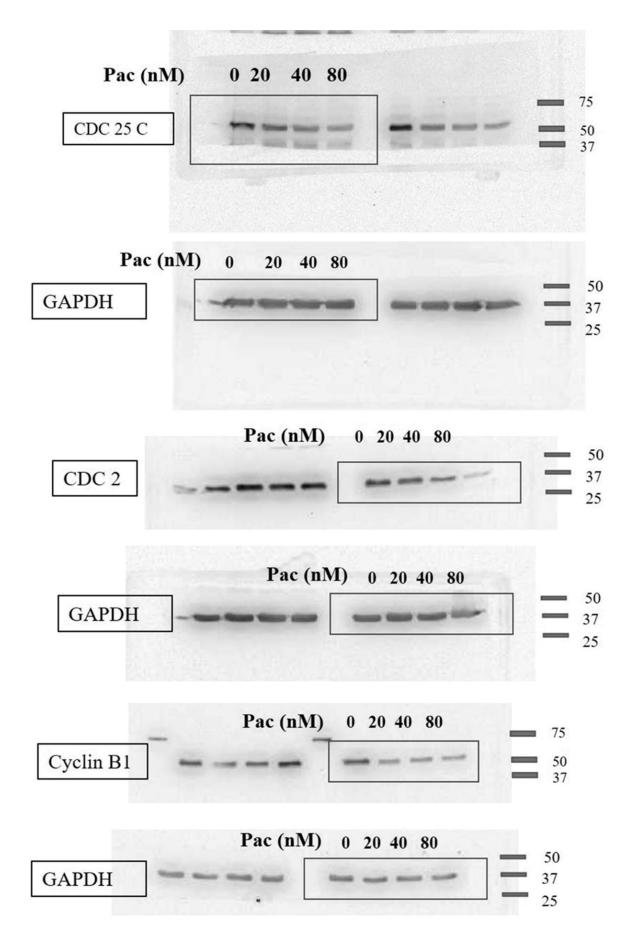
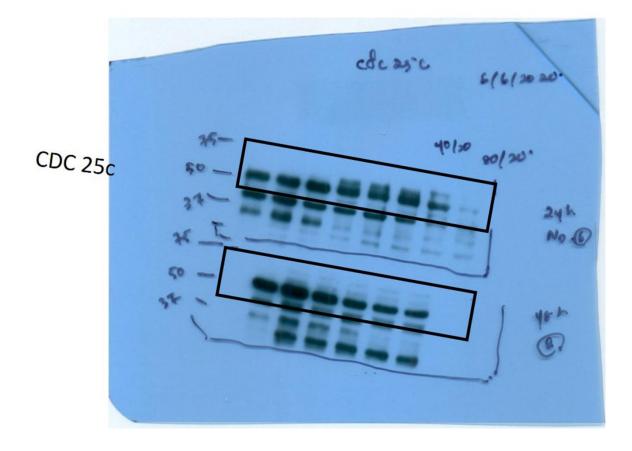
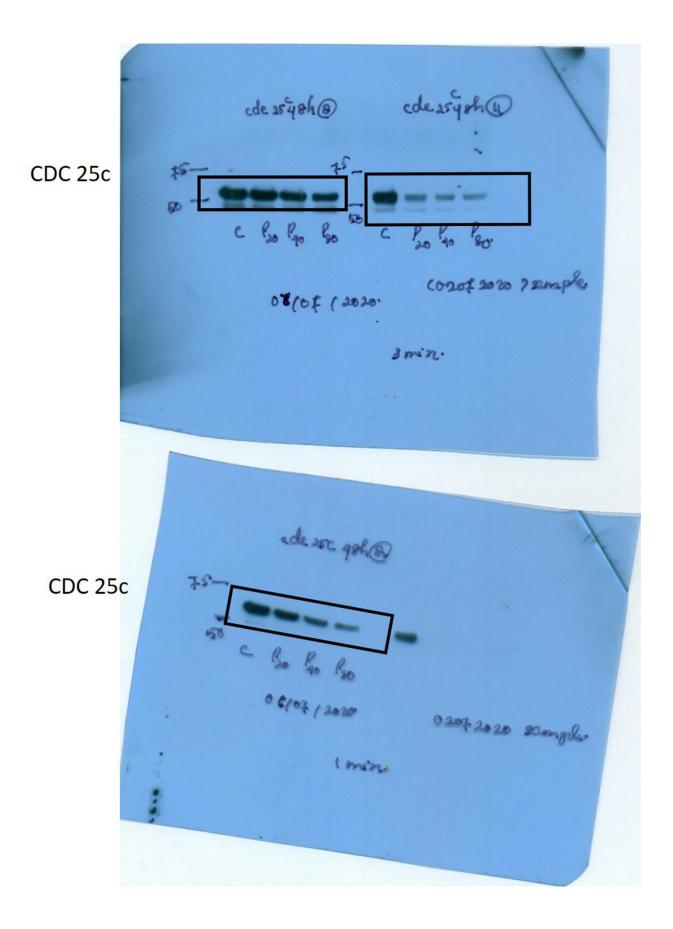


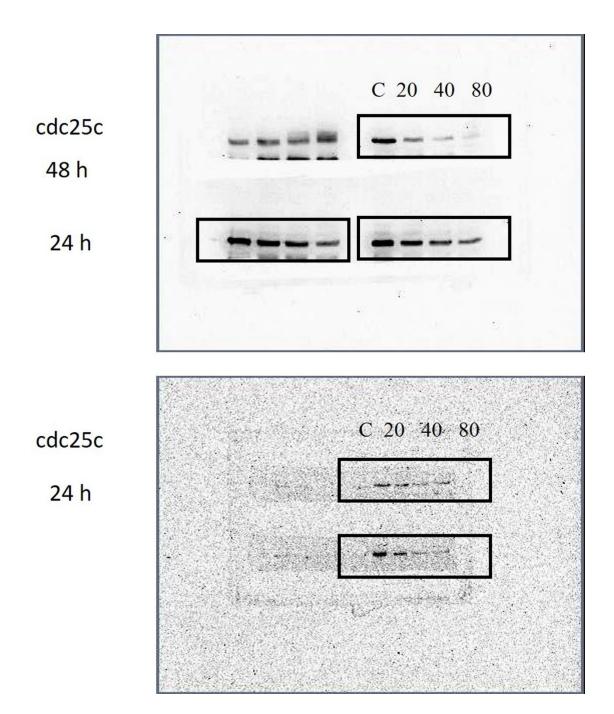
Fig. 6d

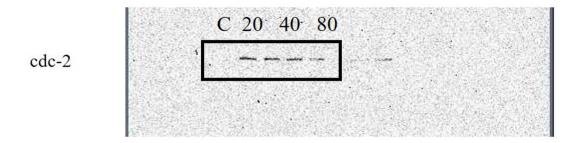


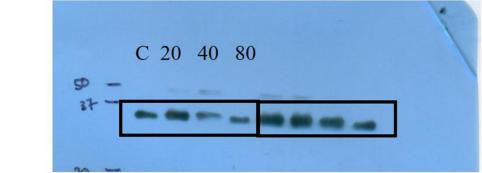
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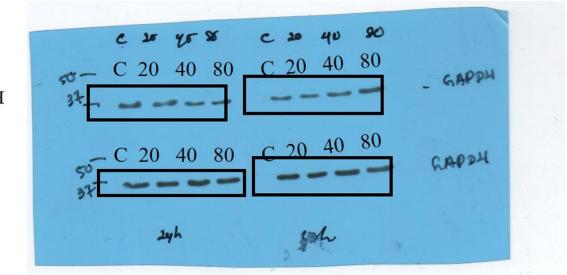












GAPDH

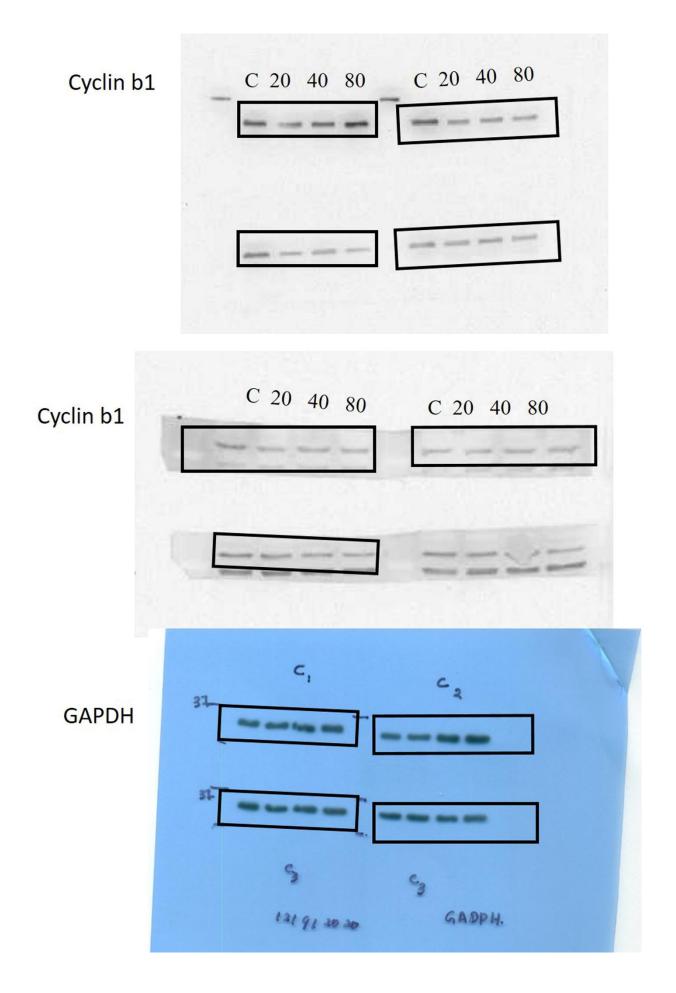
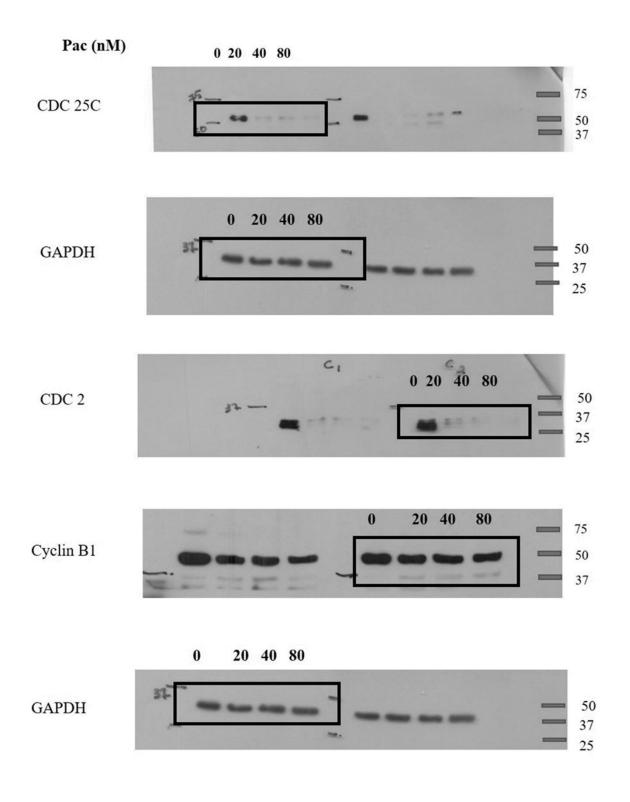
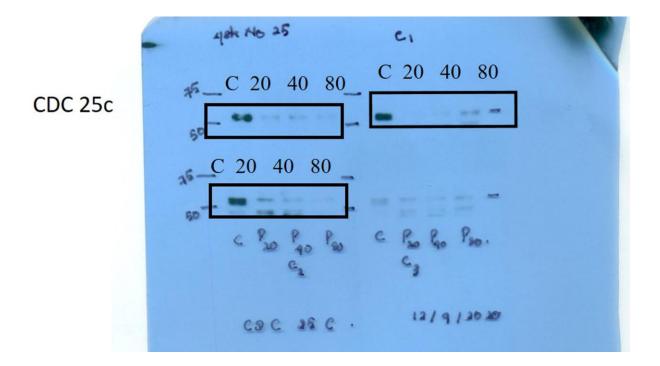
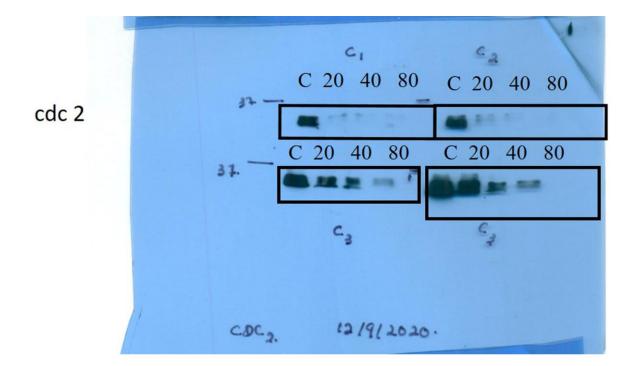
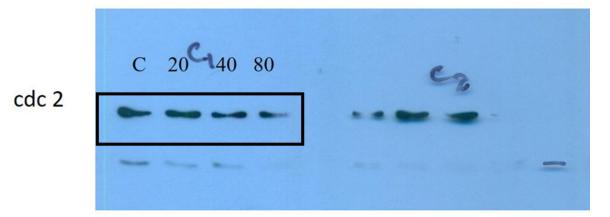


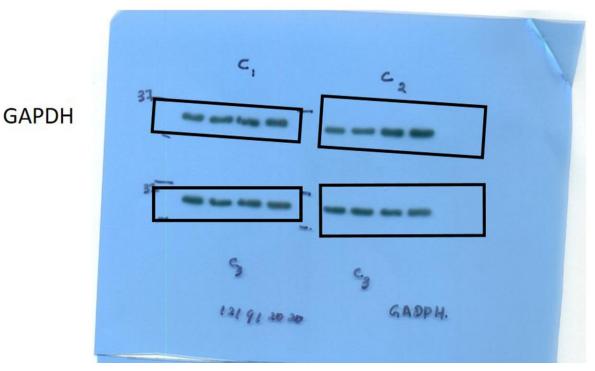
Fig. 7f

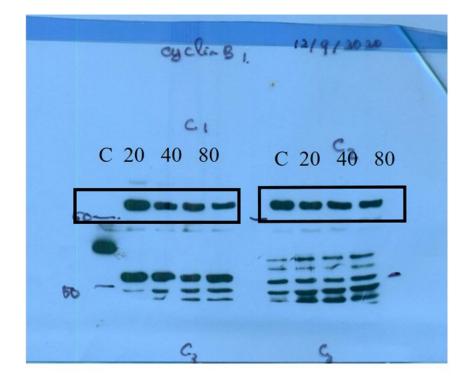




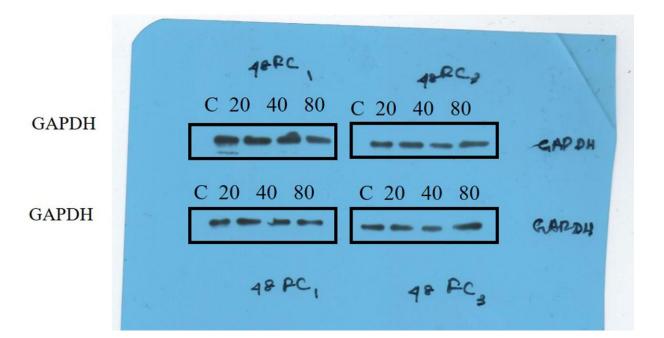








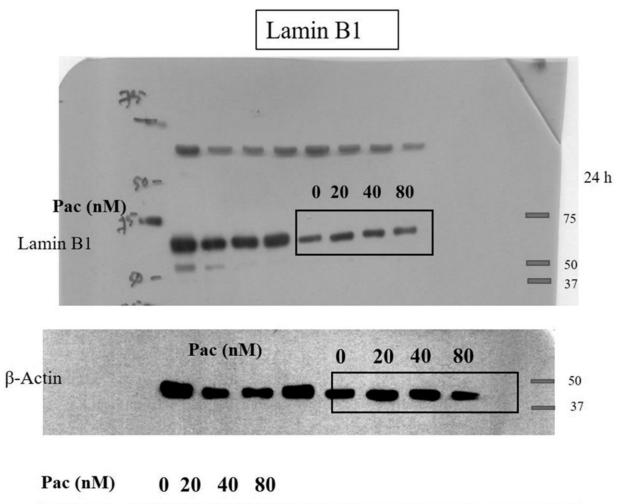
Cyclin b1

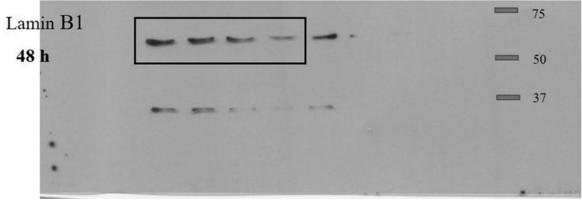


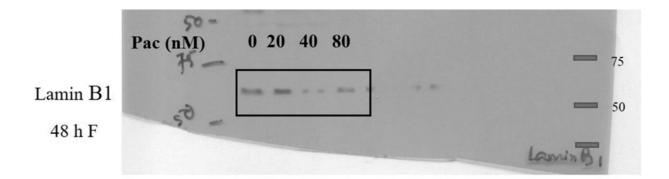
Supplementary Fig. G

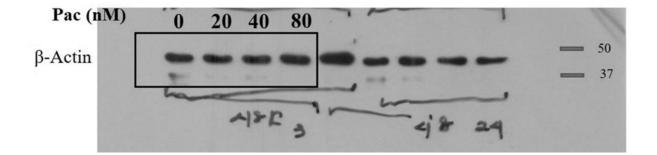
Fig. G Photographs of the full-length blots utilized in Figure 7

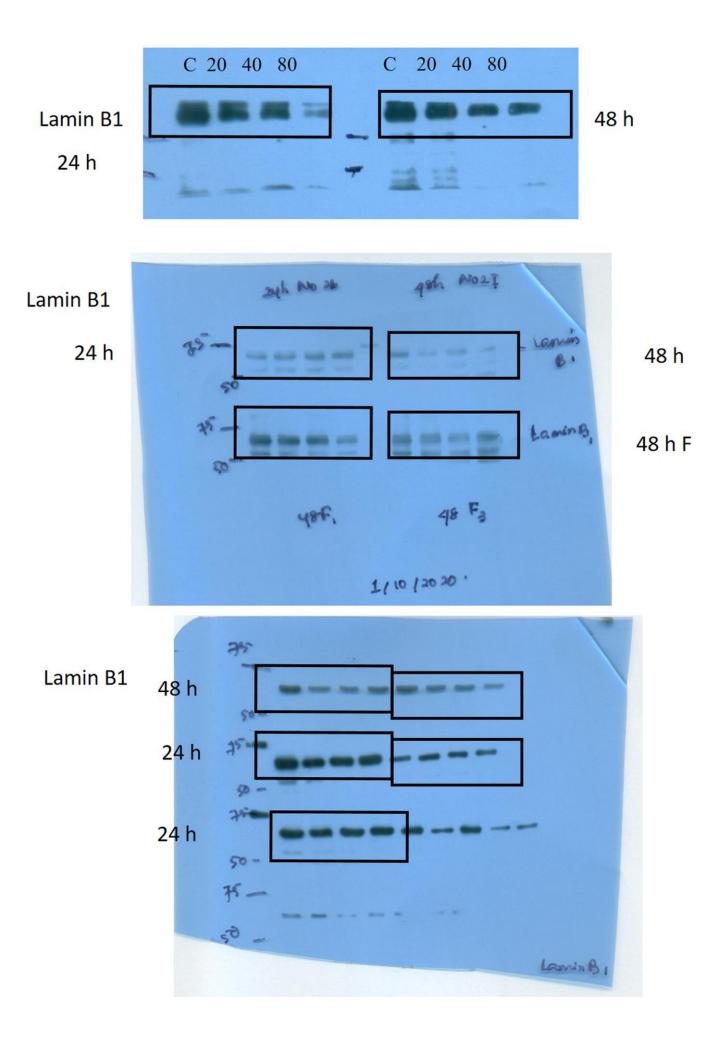
Fig. 7g



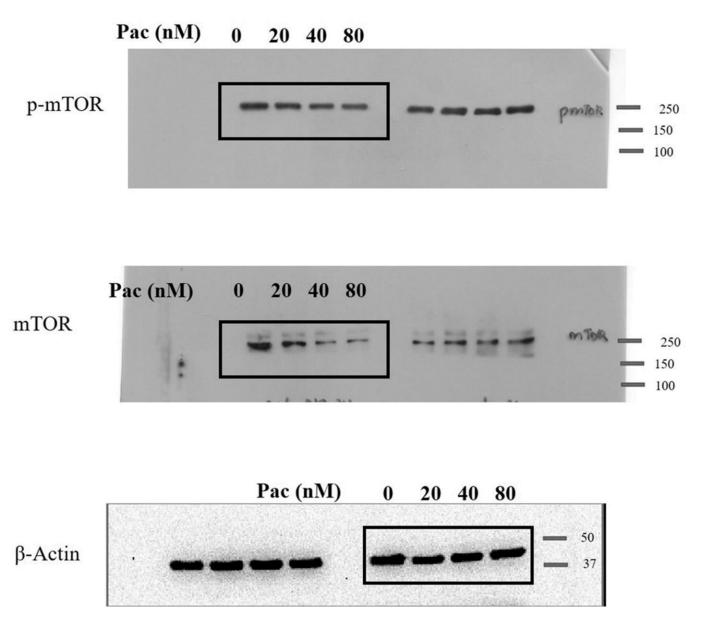






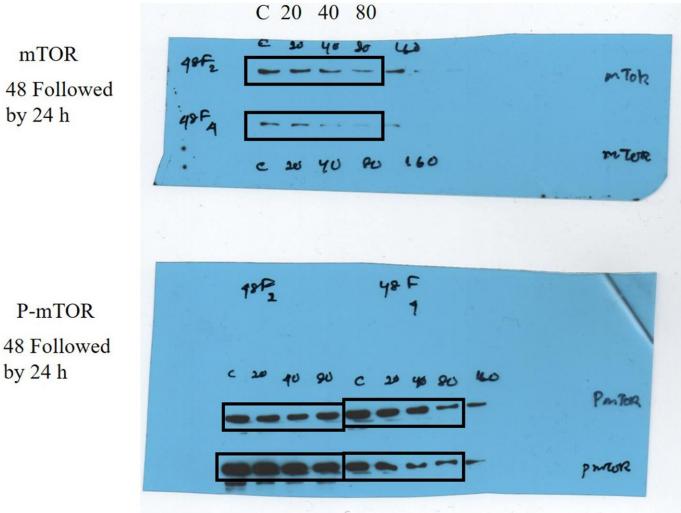




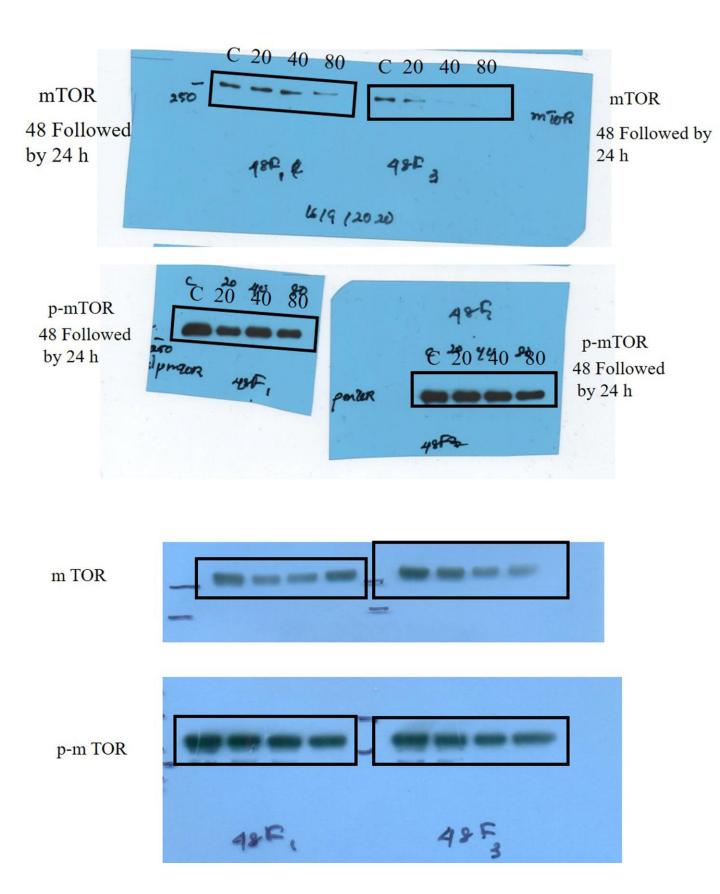


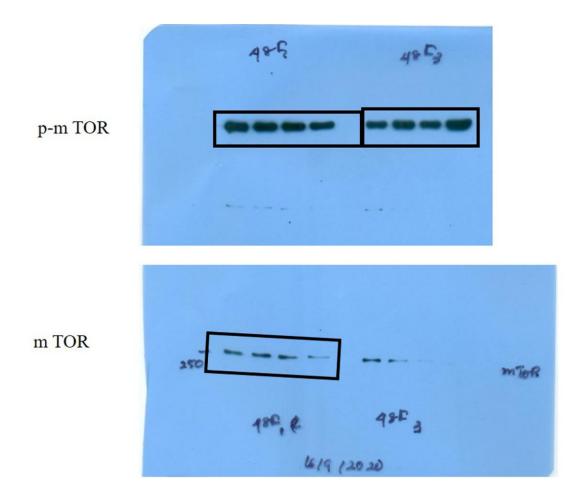
mTOR/ pmTOR

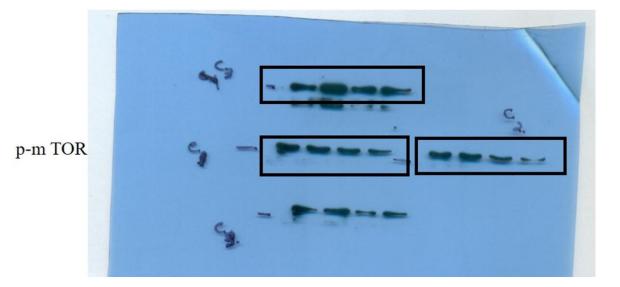
Figure. 7h

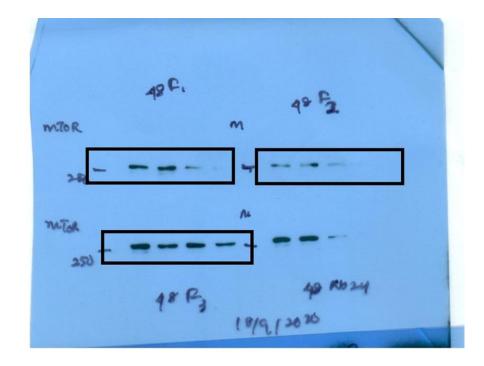


by 24 h

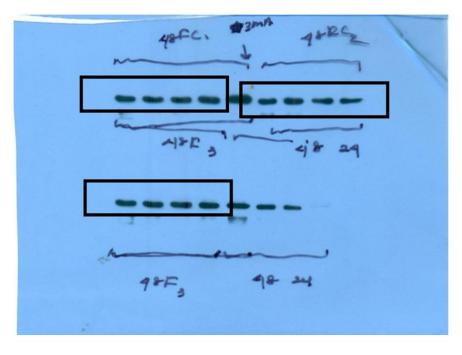












β-Actin