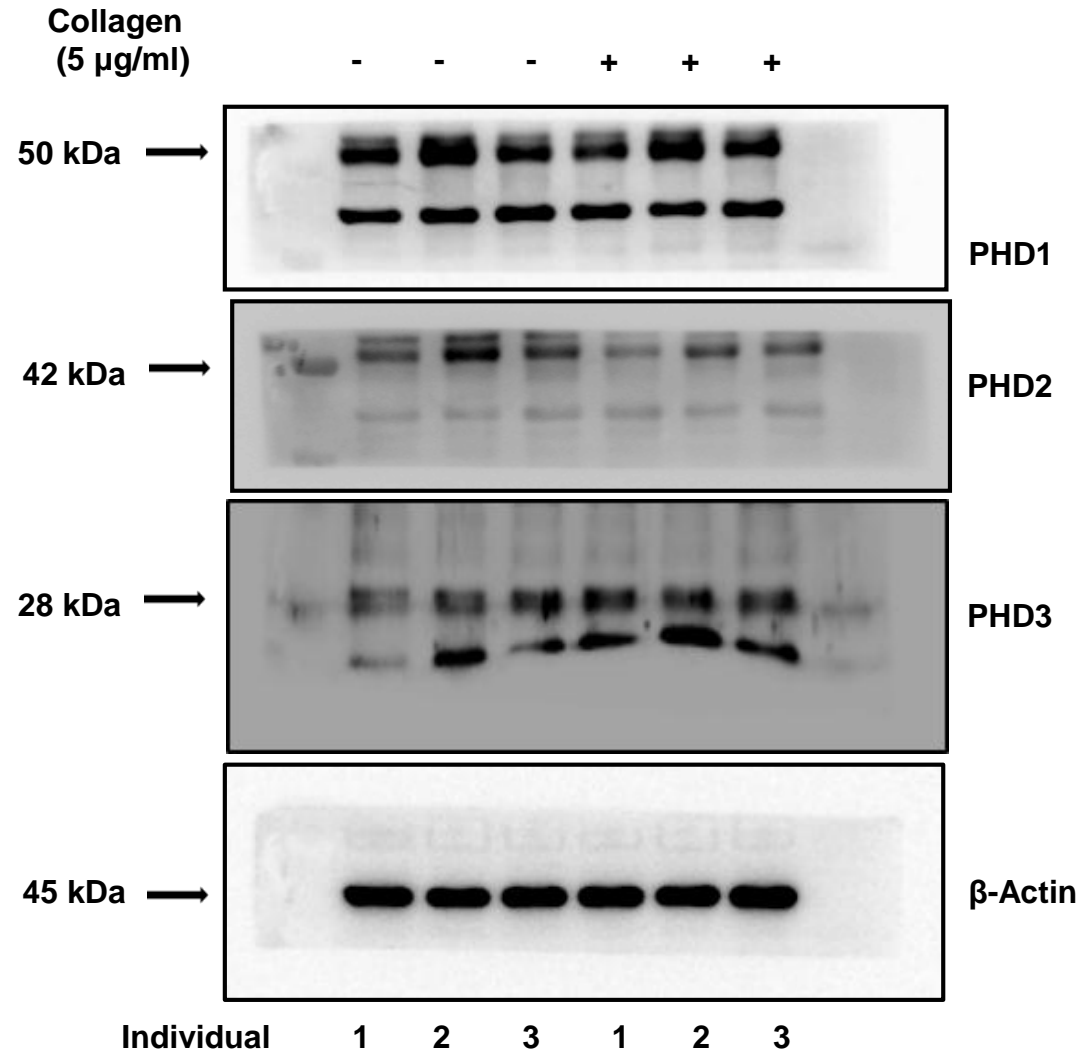


# $\alpha$ -Ketoglutarate Inhibits Thrombosis and Inflammation by Prolyl Hydroxylase-2 Mediated Inactivation of Phospho-Akt

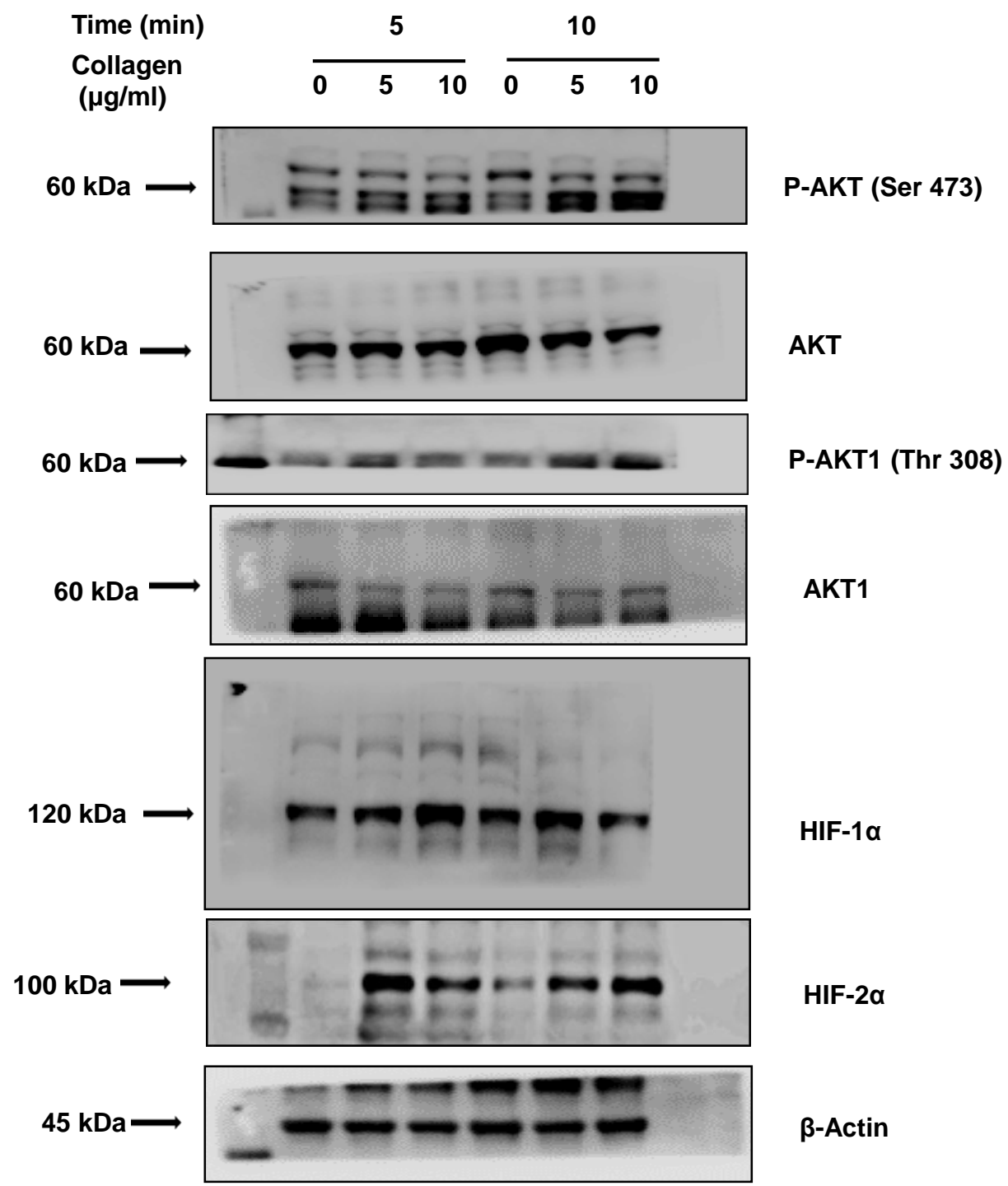
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*Supplementary western blots: uncut blots of main figures*

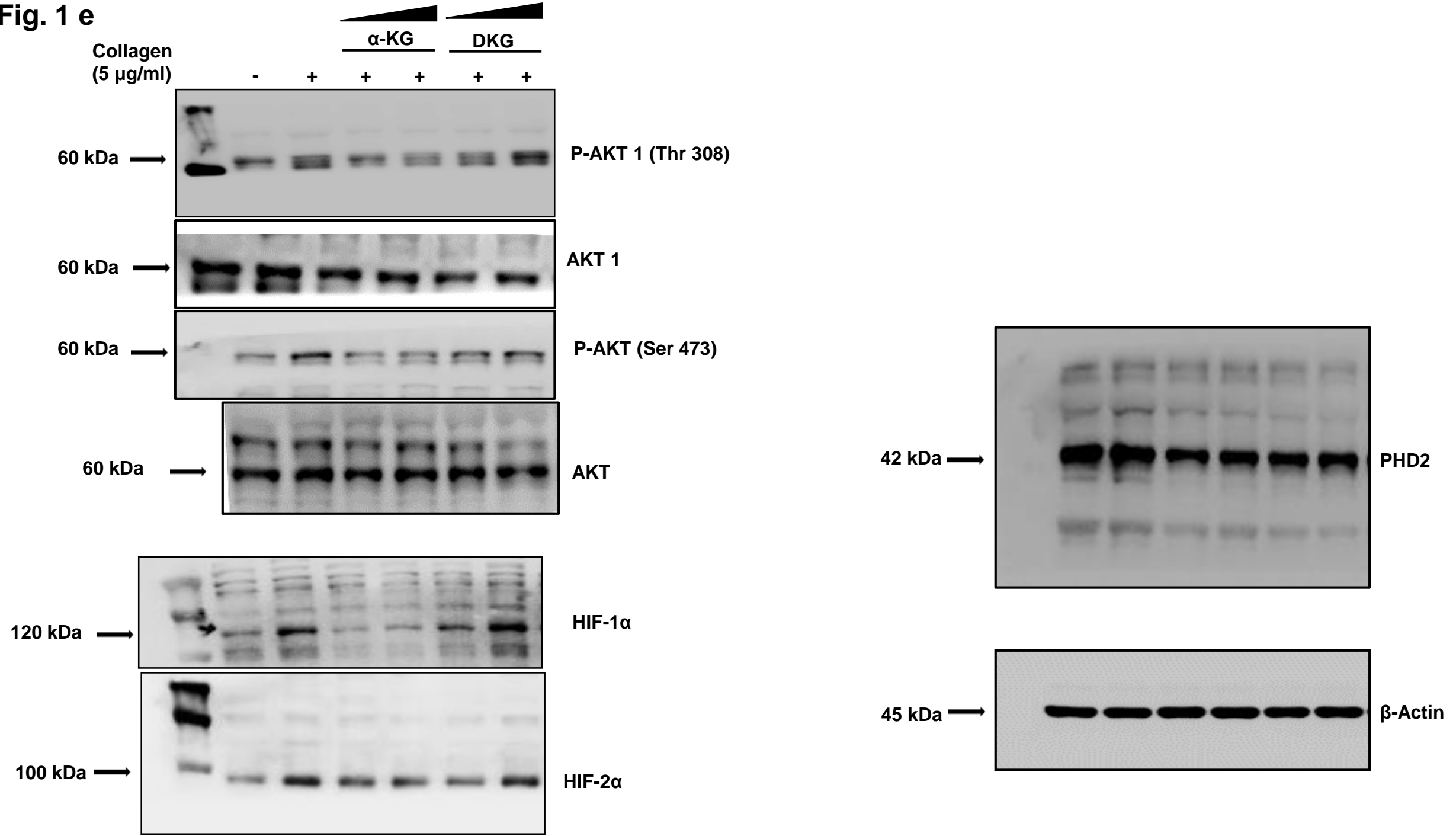
**Fig. 1 a**



**Fig. 1 b**

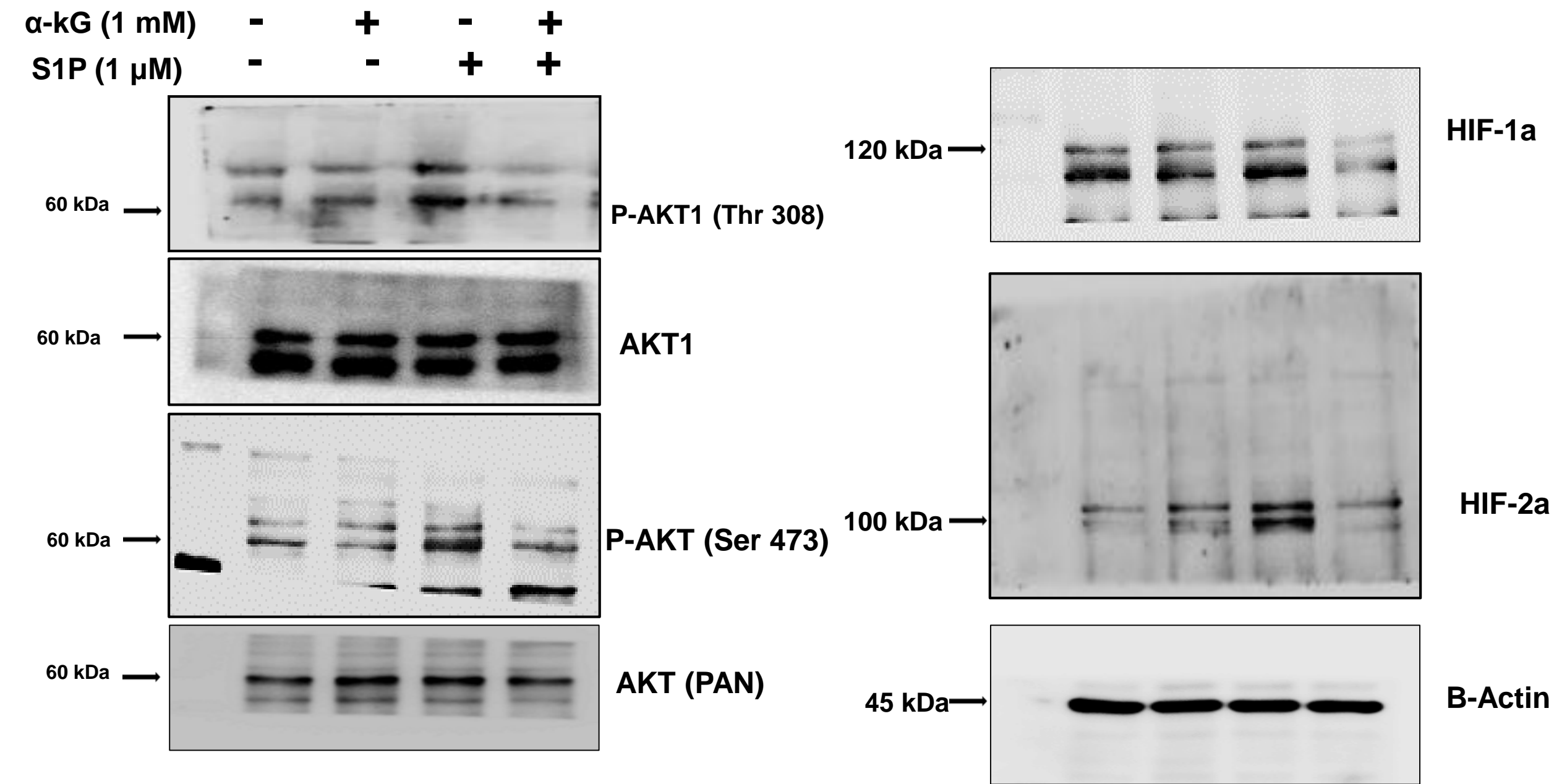


**Fig. 1 e**

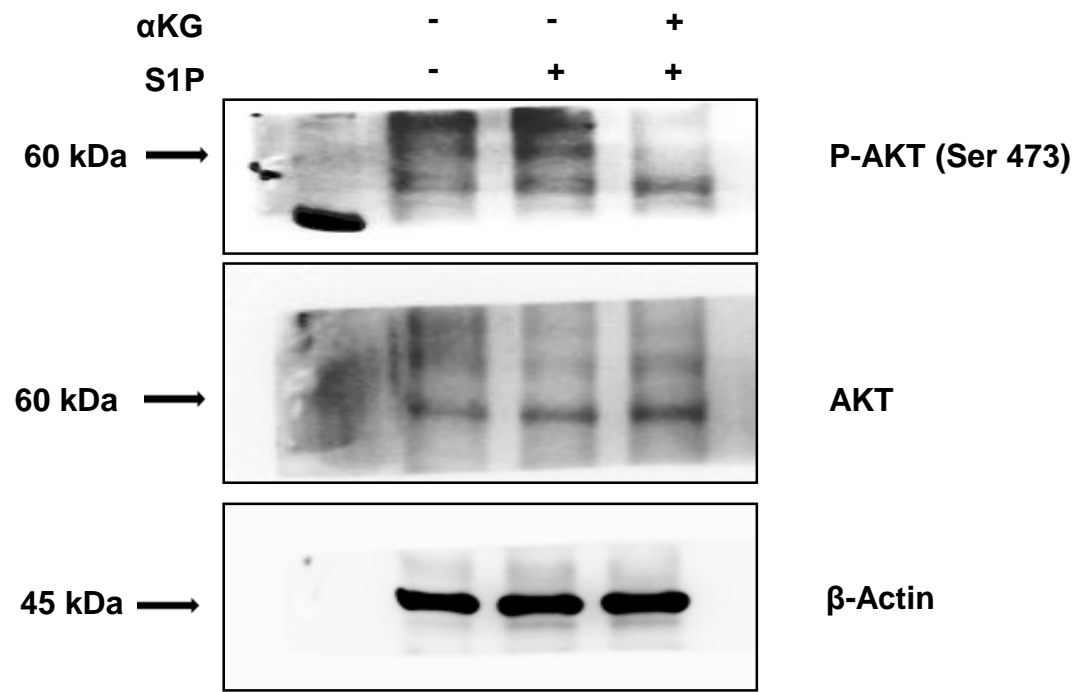




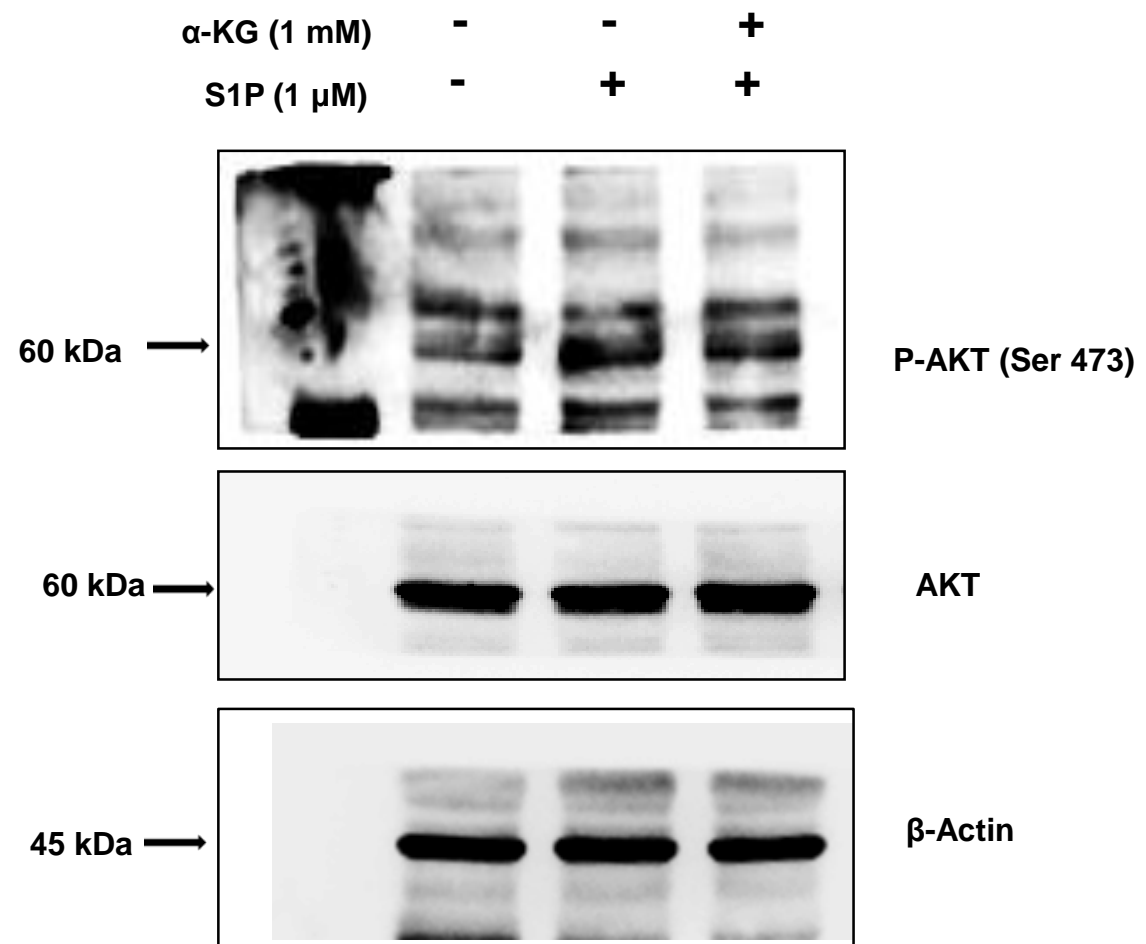
**Fig. 2 a**



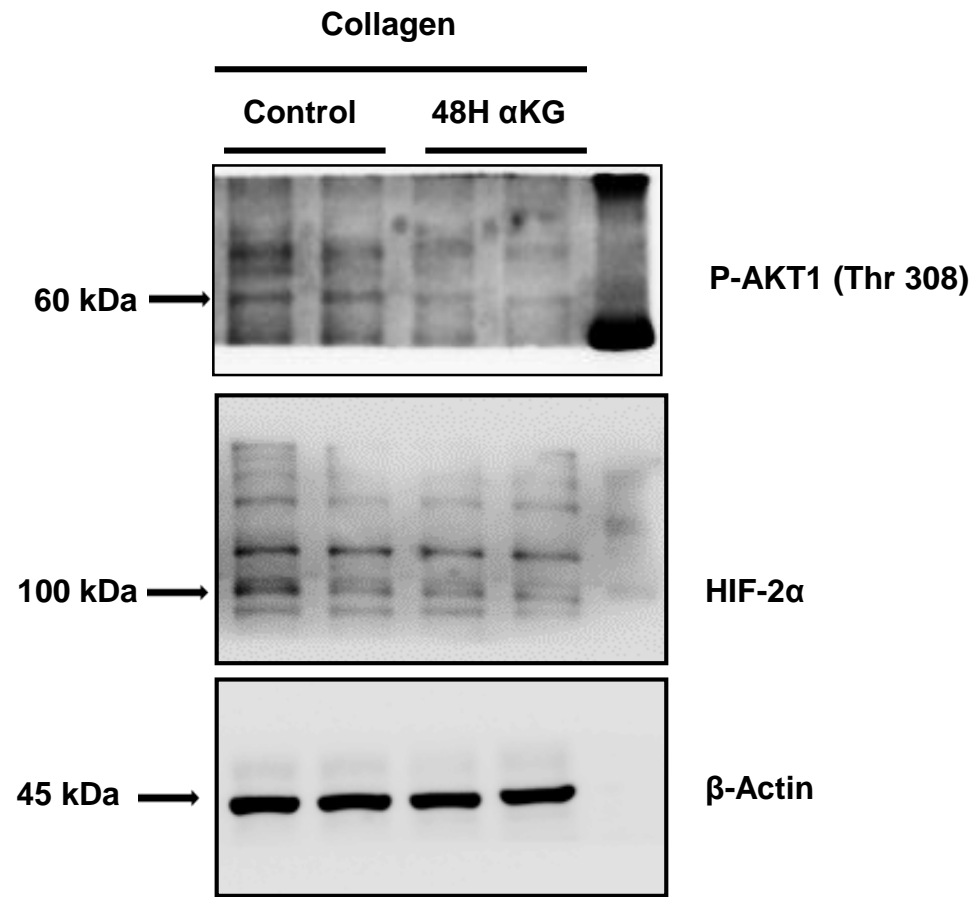
**Fig. 2 j**



**Fig. 2 i**

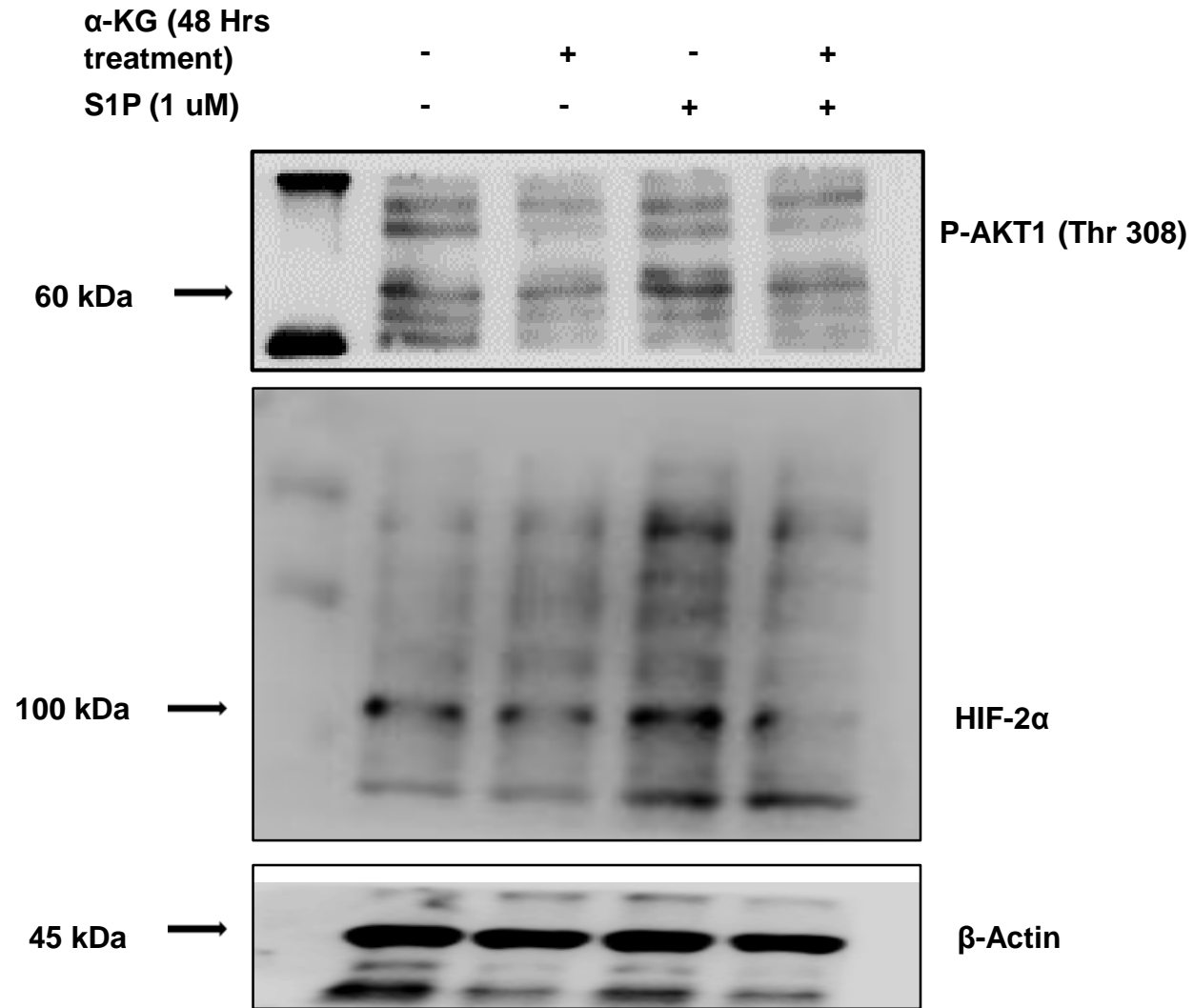


**Fig. 4 h**

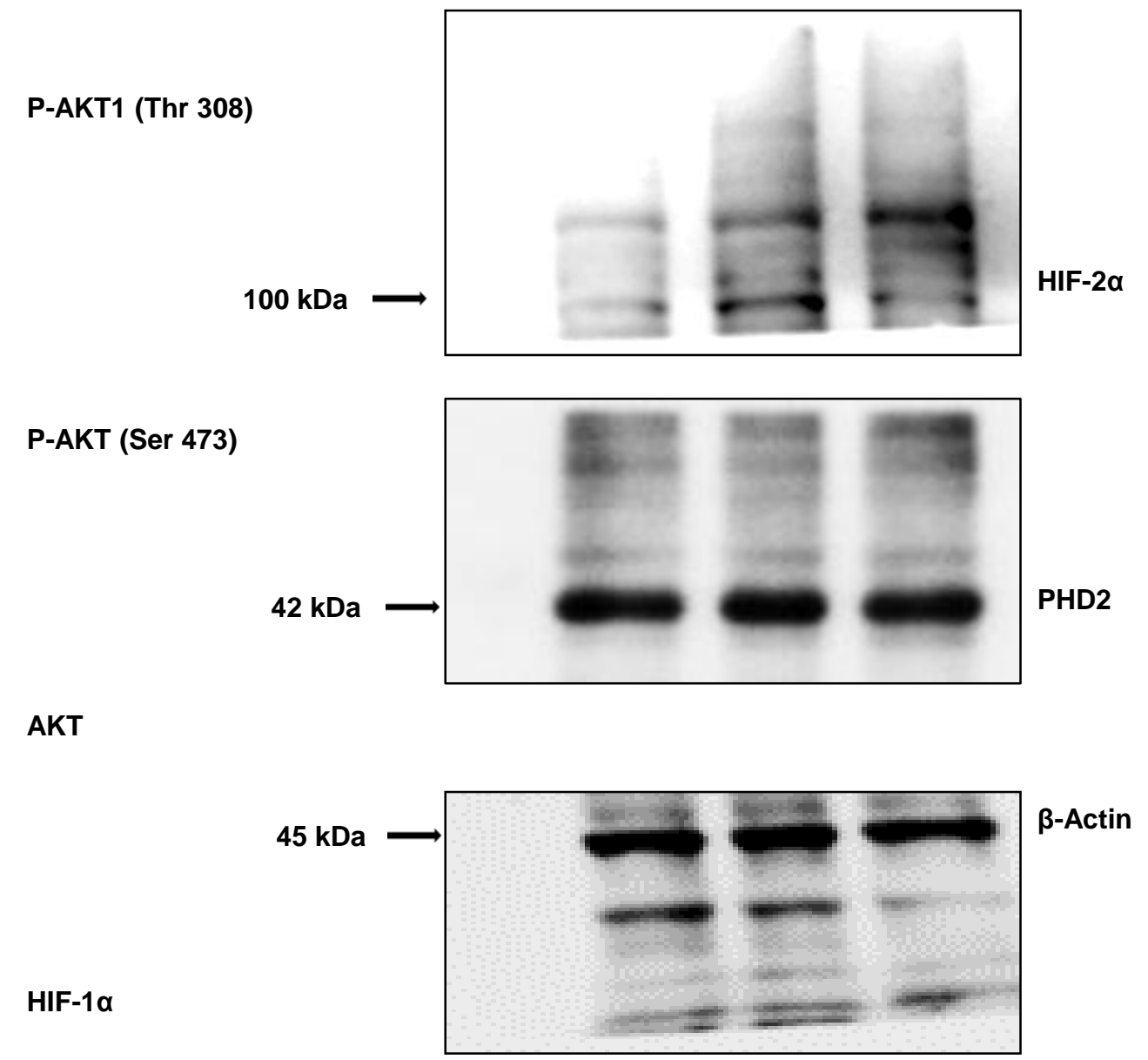
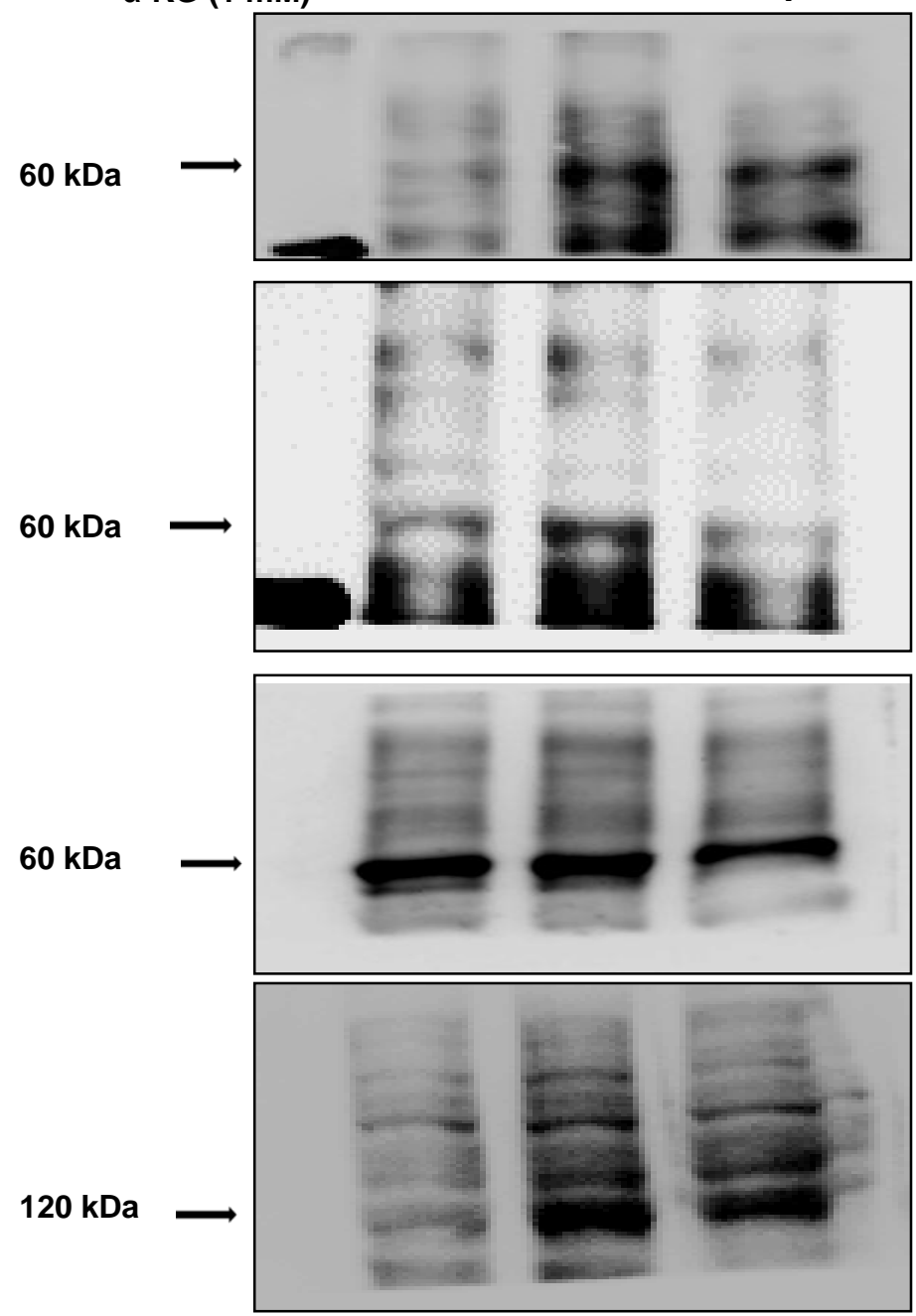




**Fig. 4 n**



**Fig. 6 a** SARS-CoV-2 (0.1 MOI)    -            +            +  
 α-KG (1 mM)            -            -            +

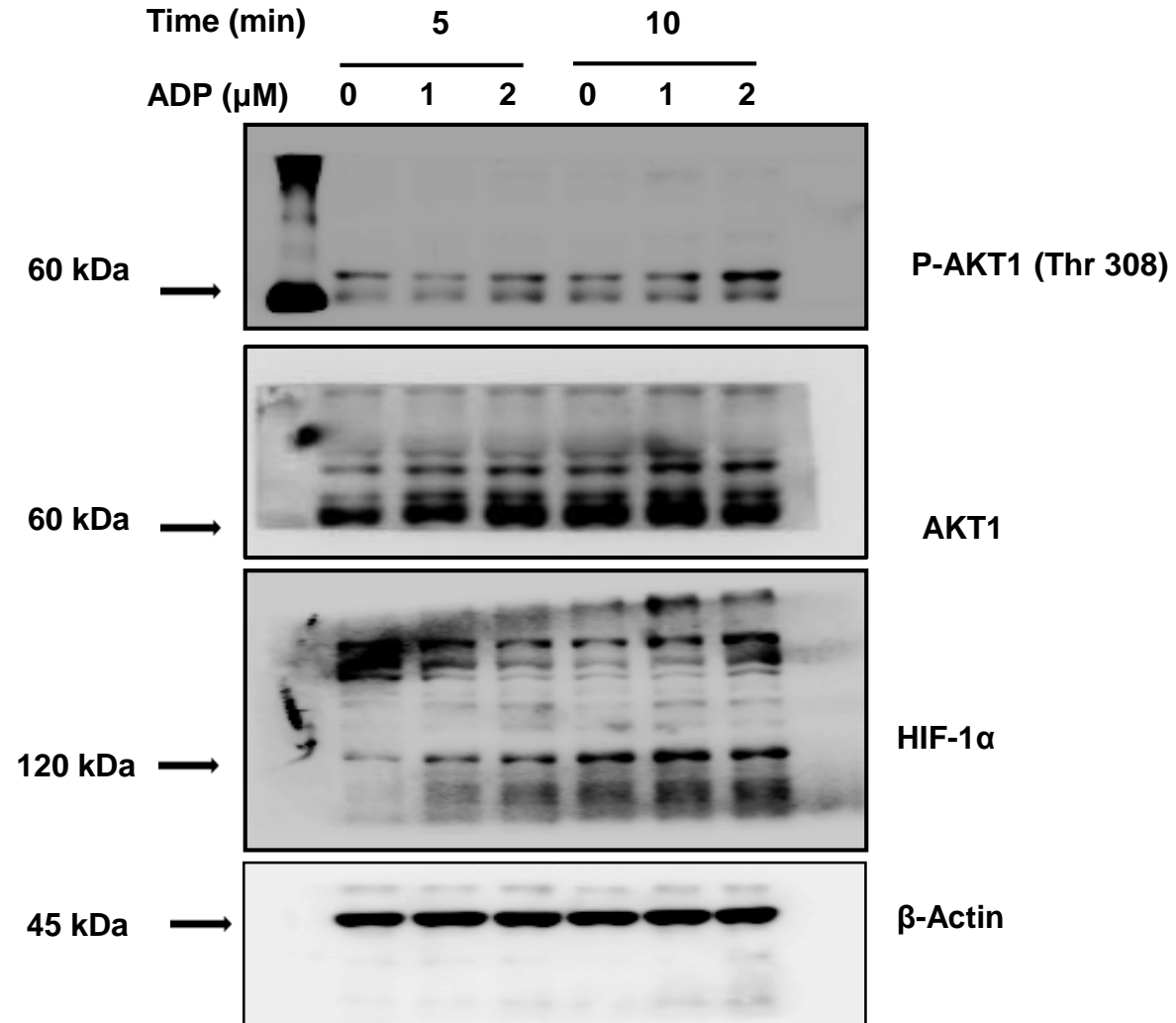


# $\alpha$ -Ketoglutarate Inhibits Thrombosis and Inflammation by Prolyl Hydroxylase-2 Mediated Inactivation of Phospho-Akt

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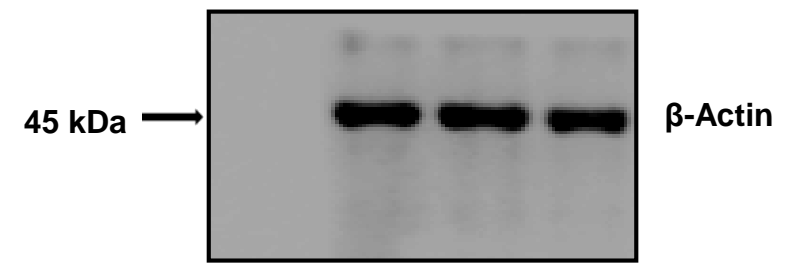
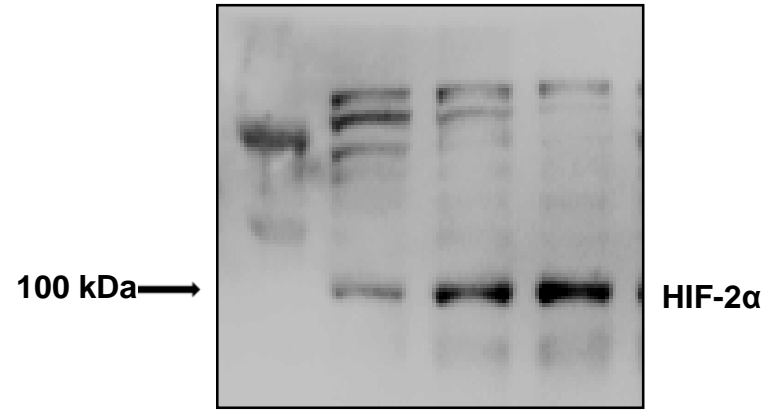
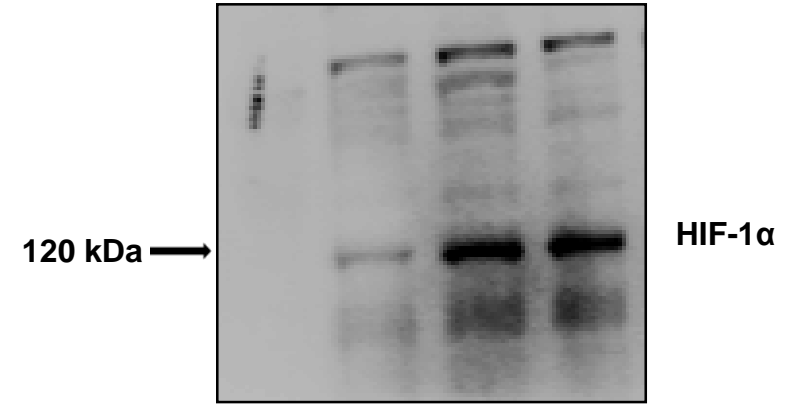
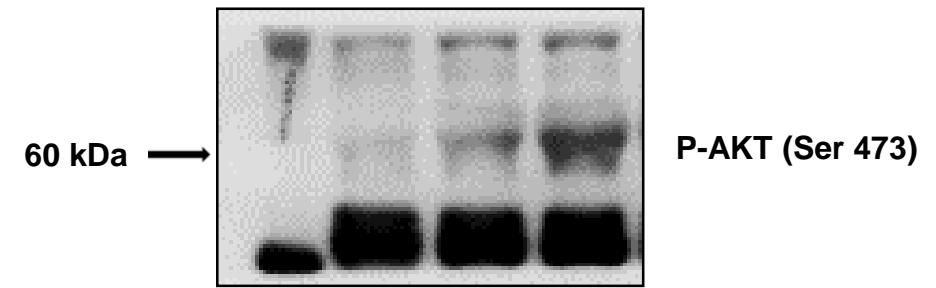
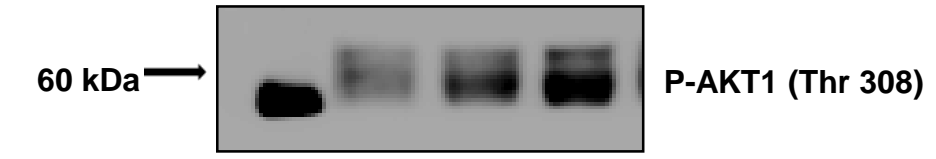
*Supplementary western blots: uncut blots of supplementary figures*

**Fig. S1a**

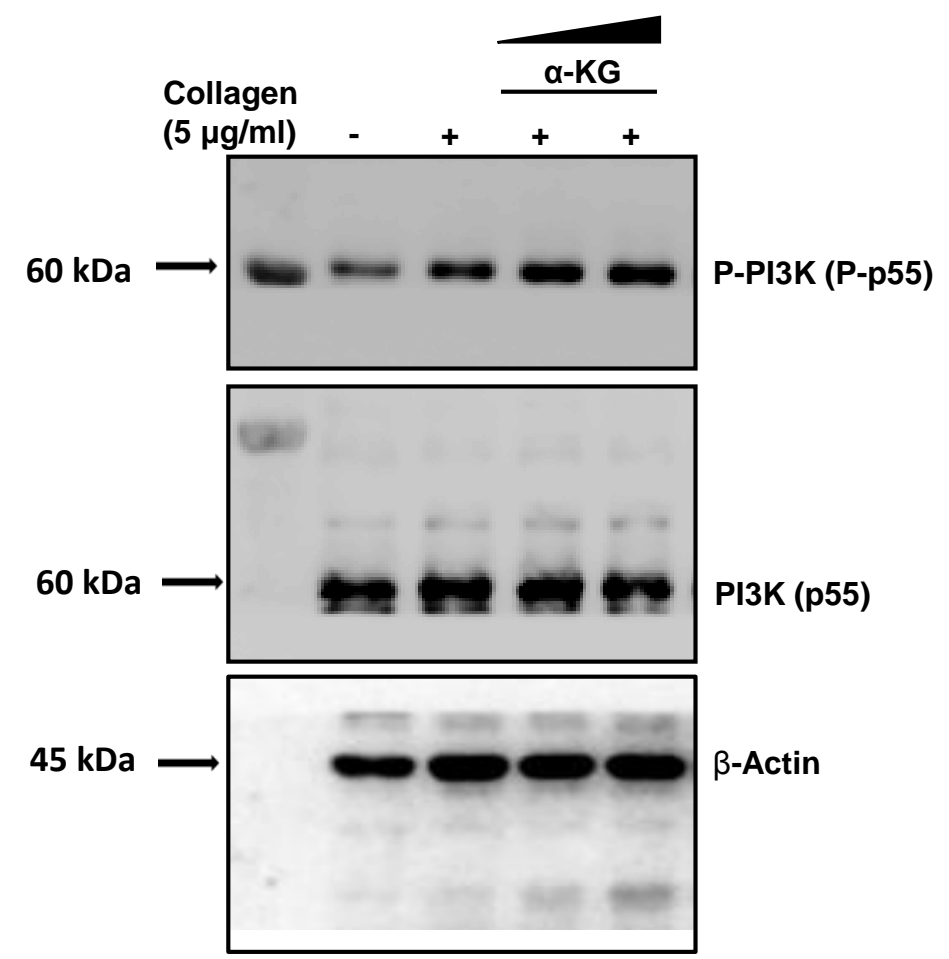


**Fig. S1b**

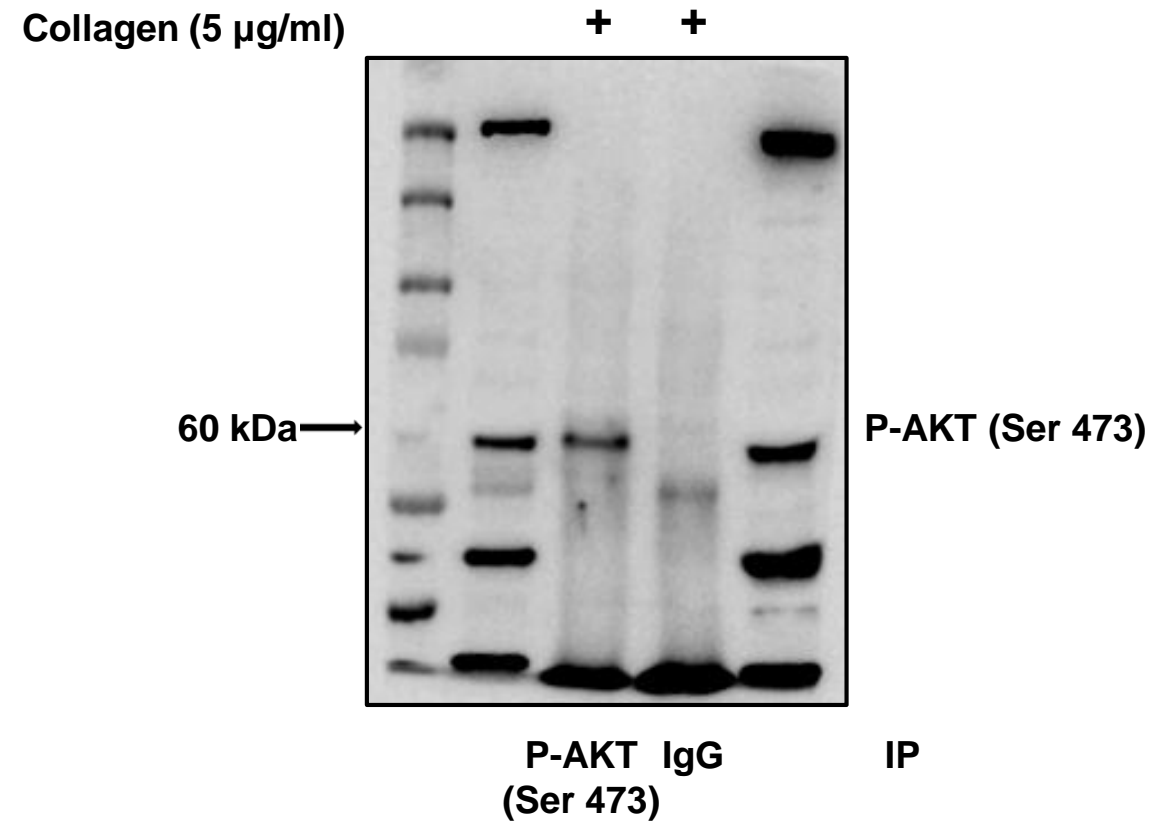
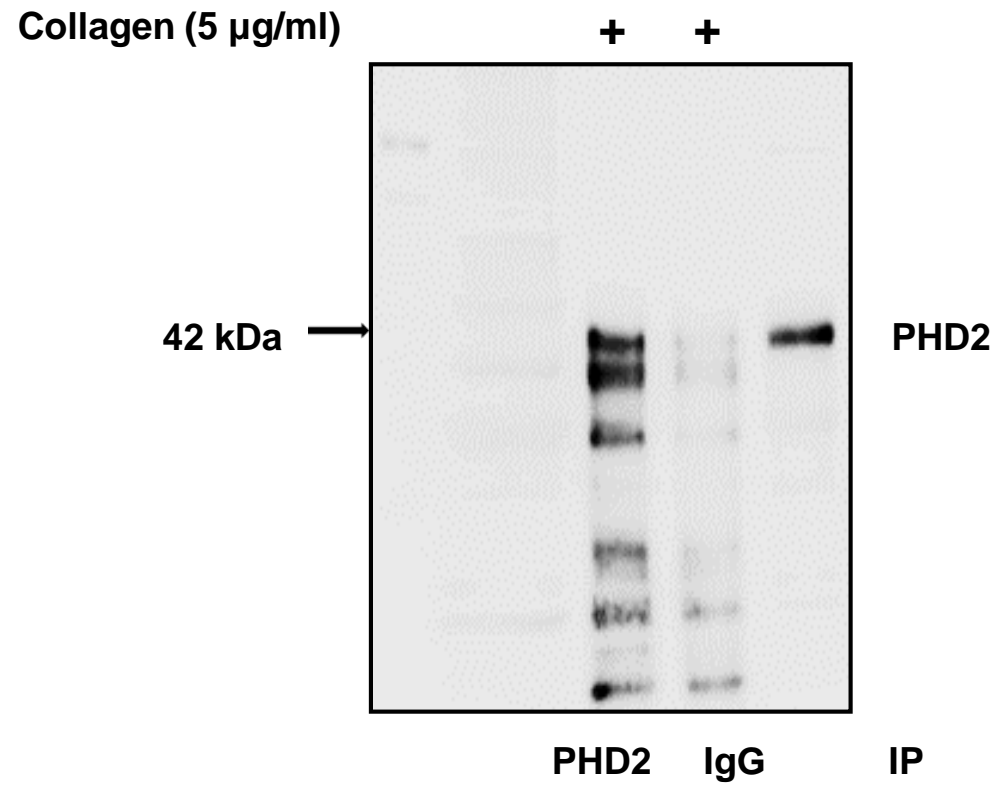
Collagen (5  $\mu$ g/ml)    -    +    +  
DHB (10  $\mu$ M)        -    -    +



**Fig. S1c**



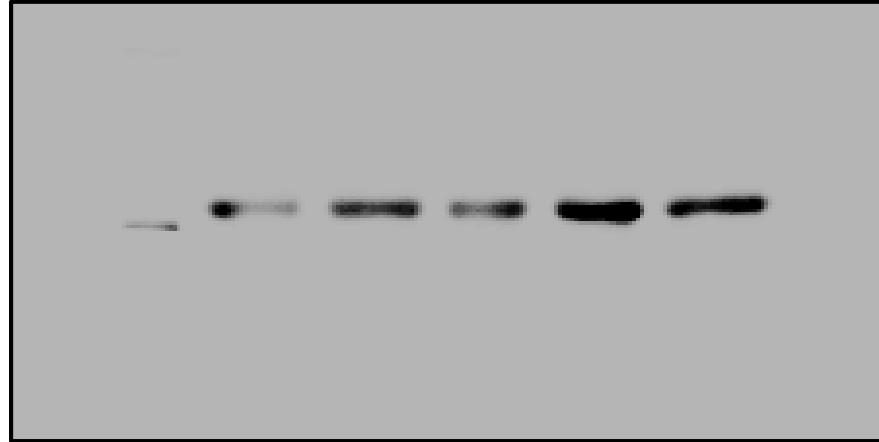
**Fig. S2**



**Fig. S4c**

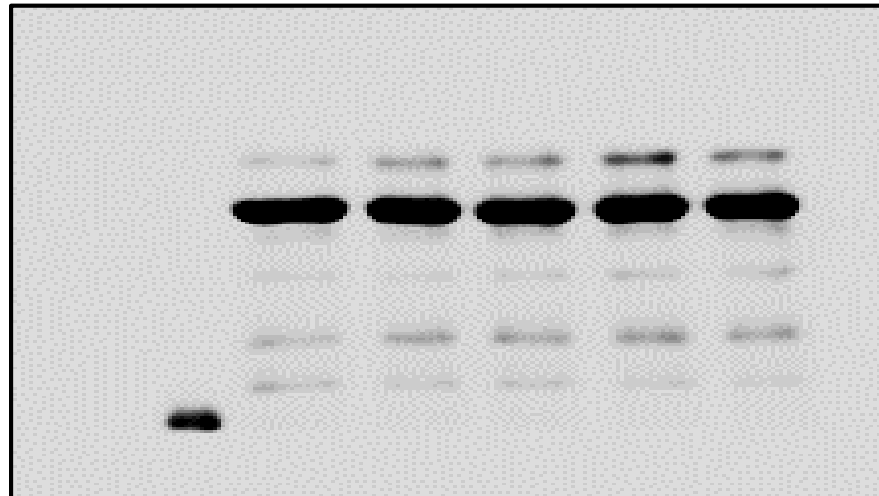
<b><math>\alpha</math>-KG (0.5 mM)</b>	-	-	+	-	+
<b>DKG (100 <math>\mu</math>M)</b>	-	-	-	+	+
<b>Collagen (5 <math>\mu</math>g/ml)</b>	-	+	+	+	+

60 kDa →



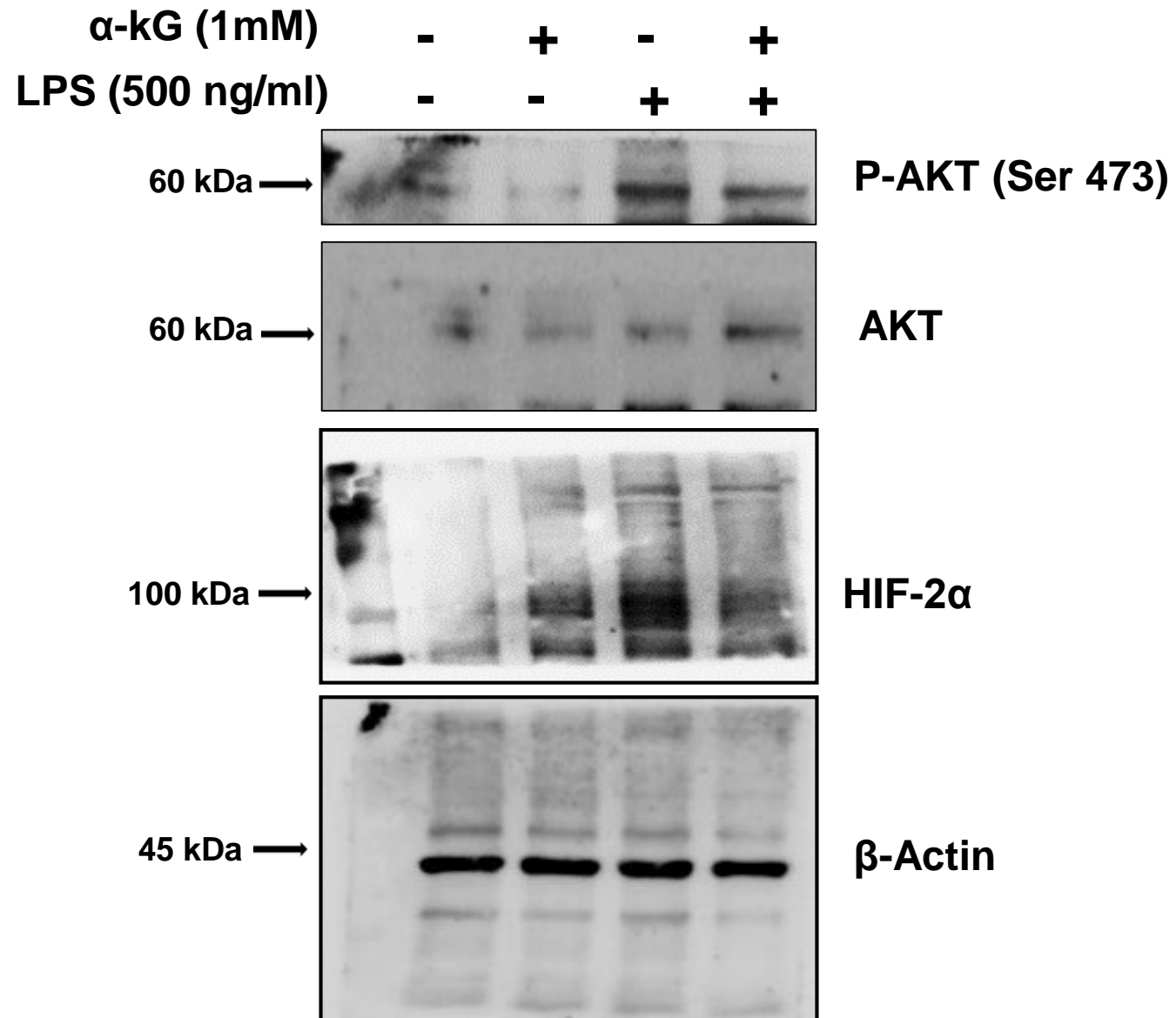
**P-AKT1 (Thr 308)**

45 kDa →



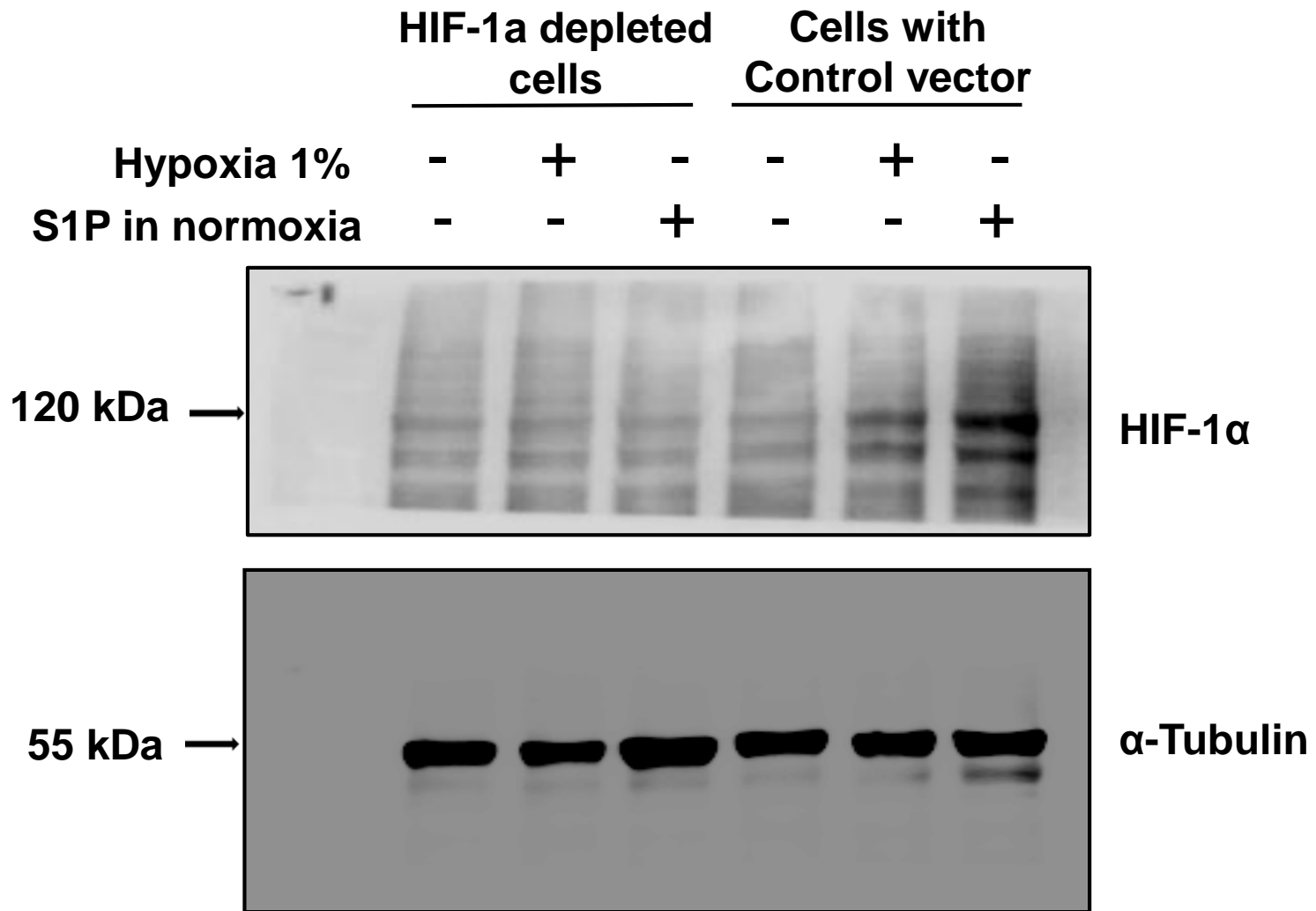
**$\beta$ -Actin**

**Fig. S5**





**Fig. S6**



**Fig. S13**

