

Targeting macrophage priming by Polyphyllin VII triggers anti-tumor immunity via STING-governed cytotoxic T-cell infiltration in lung cancer

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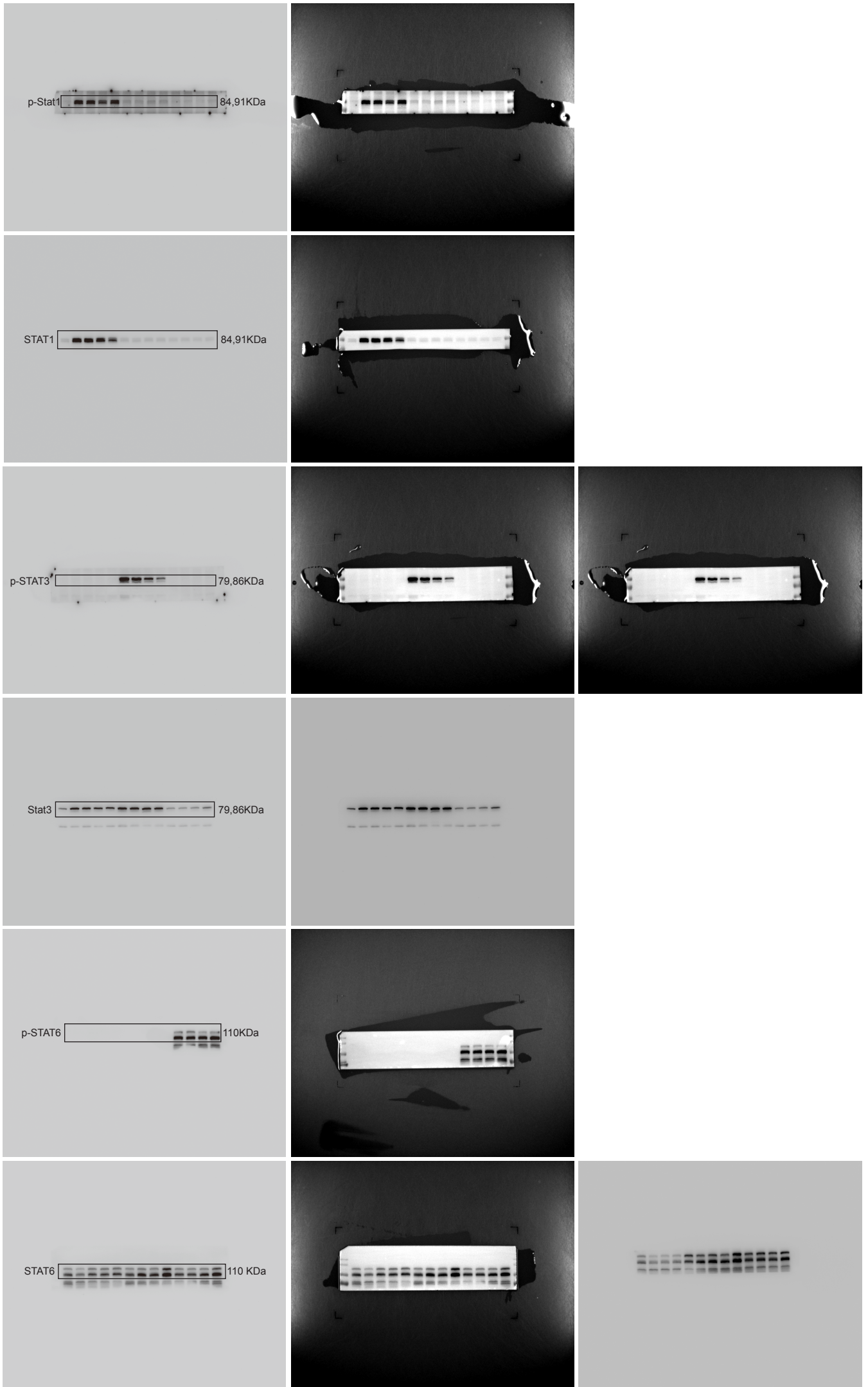
Supplementary material1_primers sequences

Gene	Sense	Antisense
mmGapdh	CATCACTGCCACCCAGAAGACTG	ATGCCAGTGAGCTTCCCGTTCAG
mmIrfb1	GCCTTTGCCATCCAAGAGATGC	ACACTGTCTGCTGGTGGAGTTC
mmCcl5	CTGCTGCTTTGCCTACCTCT	TCCTTCGAGTGACAAACACG
mmCxcl9	CGAGGCACGATCCACTACAA	AGGCAGGTTTGATCTCCGTT
mmCxcl10	AGTGCTGCCGTCATTTTCTG	TCCCTATGGCCCTCATTCTCA
mmCiita	ACCTTCGTCAGACTGGCGTTGA	GCCATTGTATCACTCAAGGAGGC
mmCd86	ACGTATTGGAAGGAGATTACAGCT	TCTGTCAGCGTTACTATCCCGC
mmCd40	ACCAGCAAGGATTGCGAGGCAT	GGATGACAGACGGTATCAGTGG
mmPd1	TGCGGACTACAAGCGAATCACG	CTCAGCTTCTGGATAACCCTCG
mmiNOS	GAGACAGGGAAGTCTGAAGCAC	CCAGCAGTAGTTGCTCCTCTTC
mmTnfa	GGTGCCTATGTCTCAGCCTCTT	GCCATAGAAGTATGAGAGGGAG
mmIrf3	CGGAAAGAAGTGTGCGGTTAGC	CAGGCTGCTTTTGCCATTGGTG
mmIrf7	CCTCTGCTTTCTAGTGATGCCG	CGTAAACACGGTCTTGCTCCTG
mmIrf1	TCCAAGTCCAGCCGAGACACTA	ACTGCTGTGGTCATCAGGTAGG
mmIrf5	CCTACAGAACCACTCTTGCCCTG	CCTTGTGGGTTGCTGATGGTGA
mmIi-10	CGGGAAGACAATAACTGCACCC	CGGTTAGCAGTATGTTGTCCAGC
mmTgfb1	TGATACGCCTGAGTGGCTGTCT	CACAAGAGCAGTGAGCGCTGAA
hsGAPDH	GAGTCAACGGATTTGGTCGT	TTGATTTTGGAGGGATCTCG
hsIFN β 1	AGGACAGGATGAACTTTGAC	TGATAGACATTAGCCAGGAG

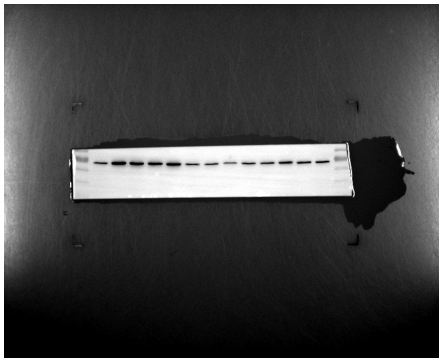
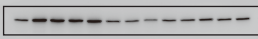
hsCXCL10	GGTGAGAAGAGATGTCTGAATCC	GTCCATCCTTGGAAGCACTGCA
hsCIITA	CTACTTCAGGCAGCAGAGGAGA	GCTGTGTCTTCCGAGGAACTTC
hsCD86	CCATCAGCTTGTCTGTTTCATTCC	GCTGTAATCCAAGGAATGTGGTC
hsPDL1	TGCCGACTACAAGCGAATTACTG	CTGCTTGTCCAGATGACTTCGG
hsIL-10	TCTCCGAGATGCCTTCAGCAGA	TCAGACAAGGCTTGGCAACCCA
hsTGF β 1	TACCTGAACCCGTGTTGCTCTC	GTTGCTGAGGTATCGCCAGGAA

Supplementary material2_full length gels and blots

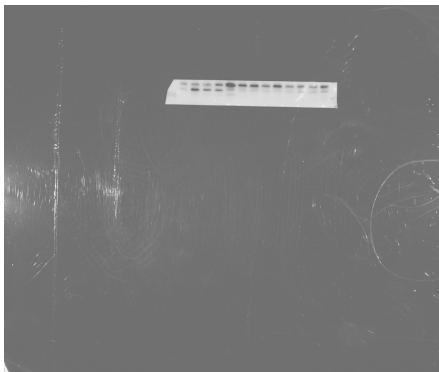
Fig1.e



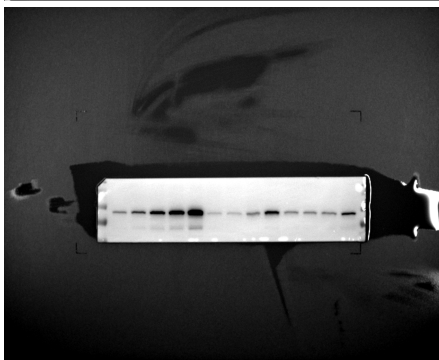
cGAS 62KDa



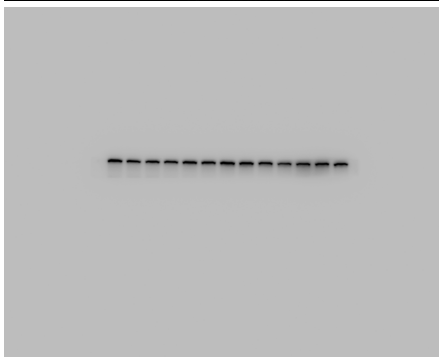
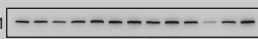
STING long exposure 33.35KDa



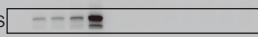
p-TBK1 84KDa



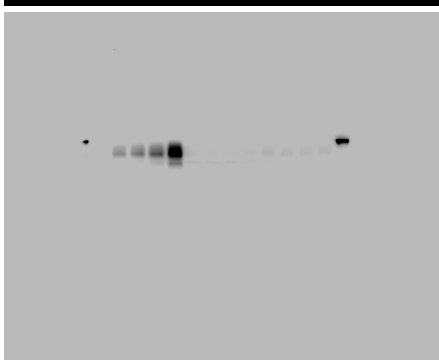
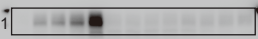
TBK1 84KDa



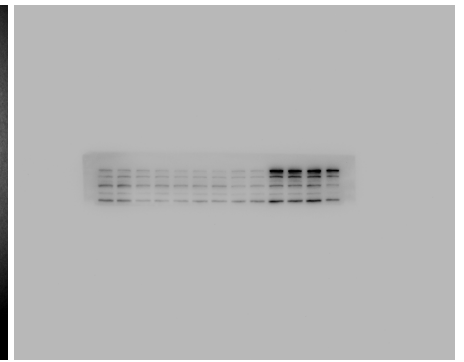
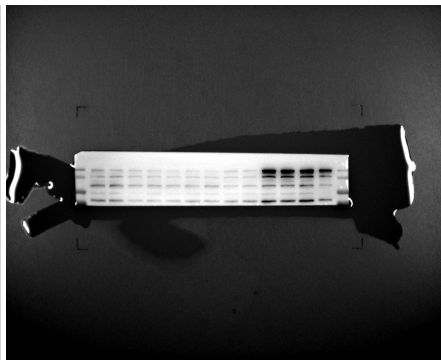
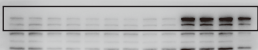
iNOS 131KDa



PD-L1 40-60KDa



CD206 166KDa



Tubulin 55KDa

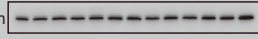
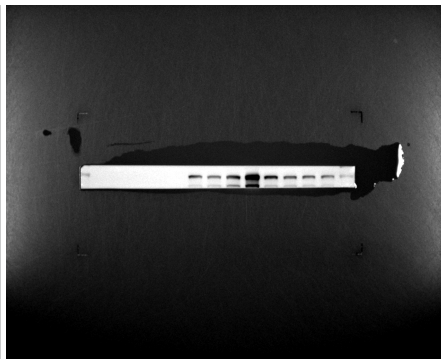
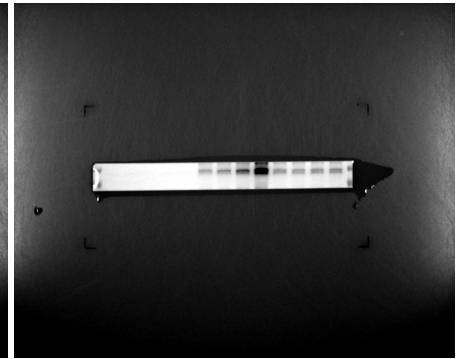
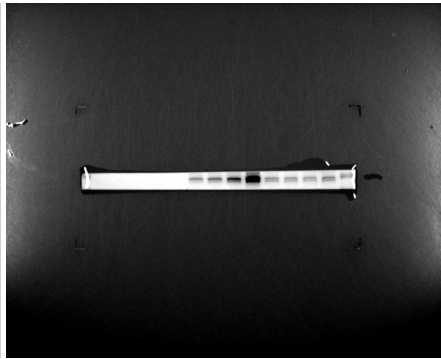
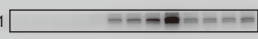


Fig1.f

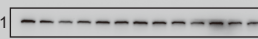
iNOS 131KDa



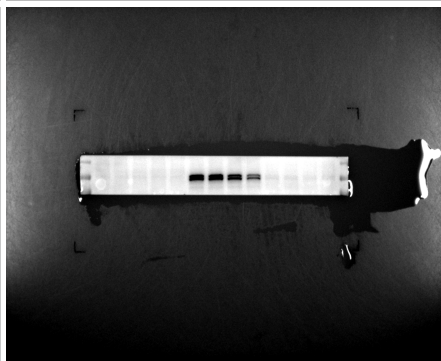
p-TBK1 84KDa



TBK1 84KDa



p-STAT1 84,91KDa



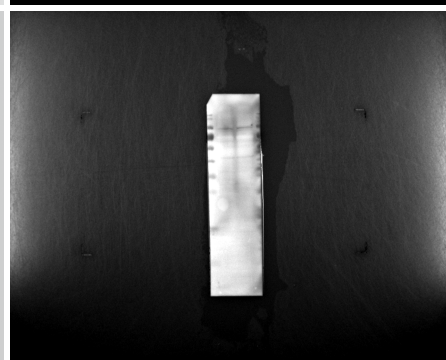
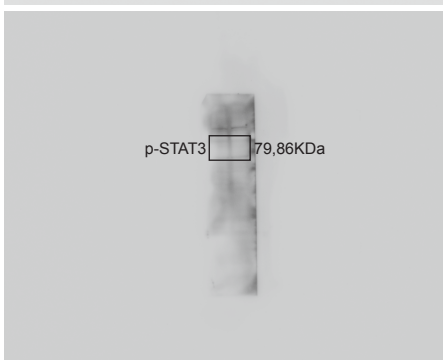
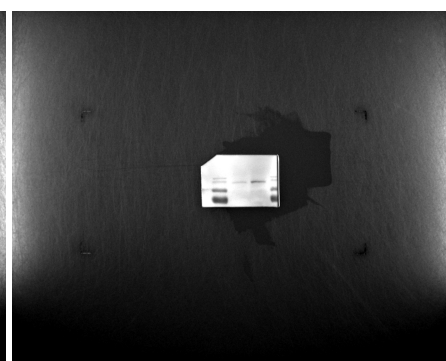
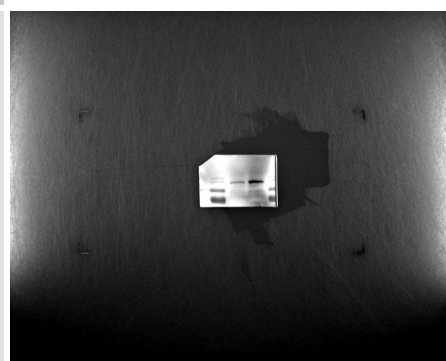
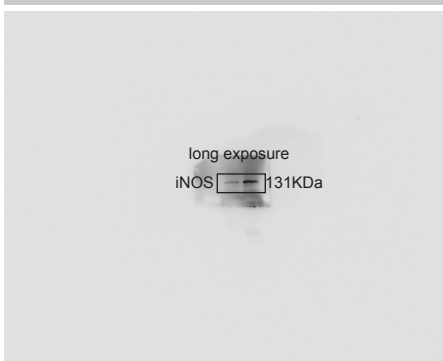
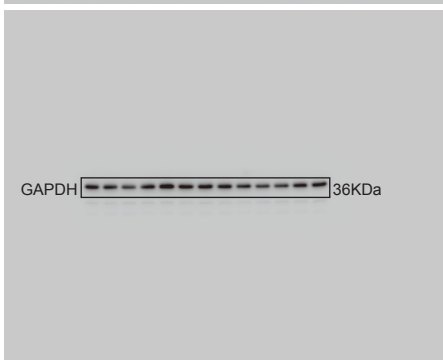
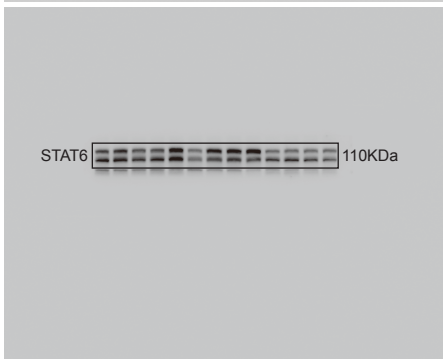
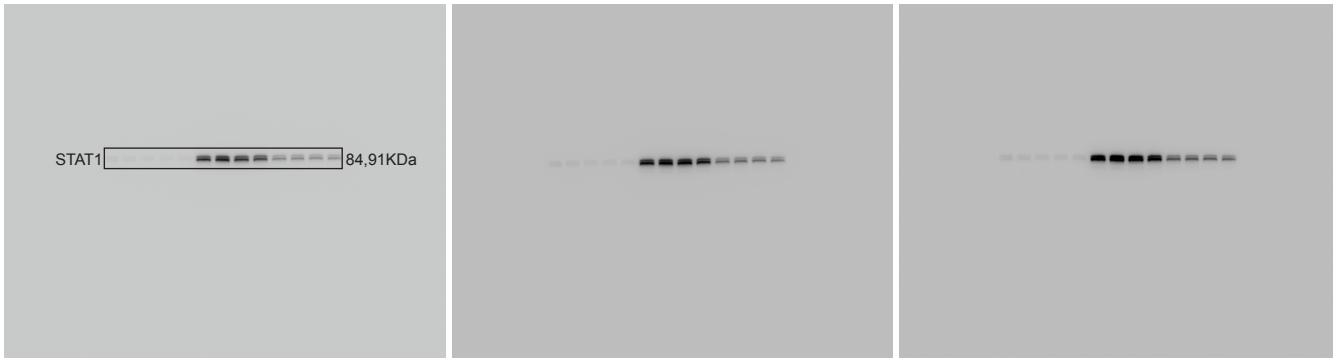


Fig1.g

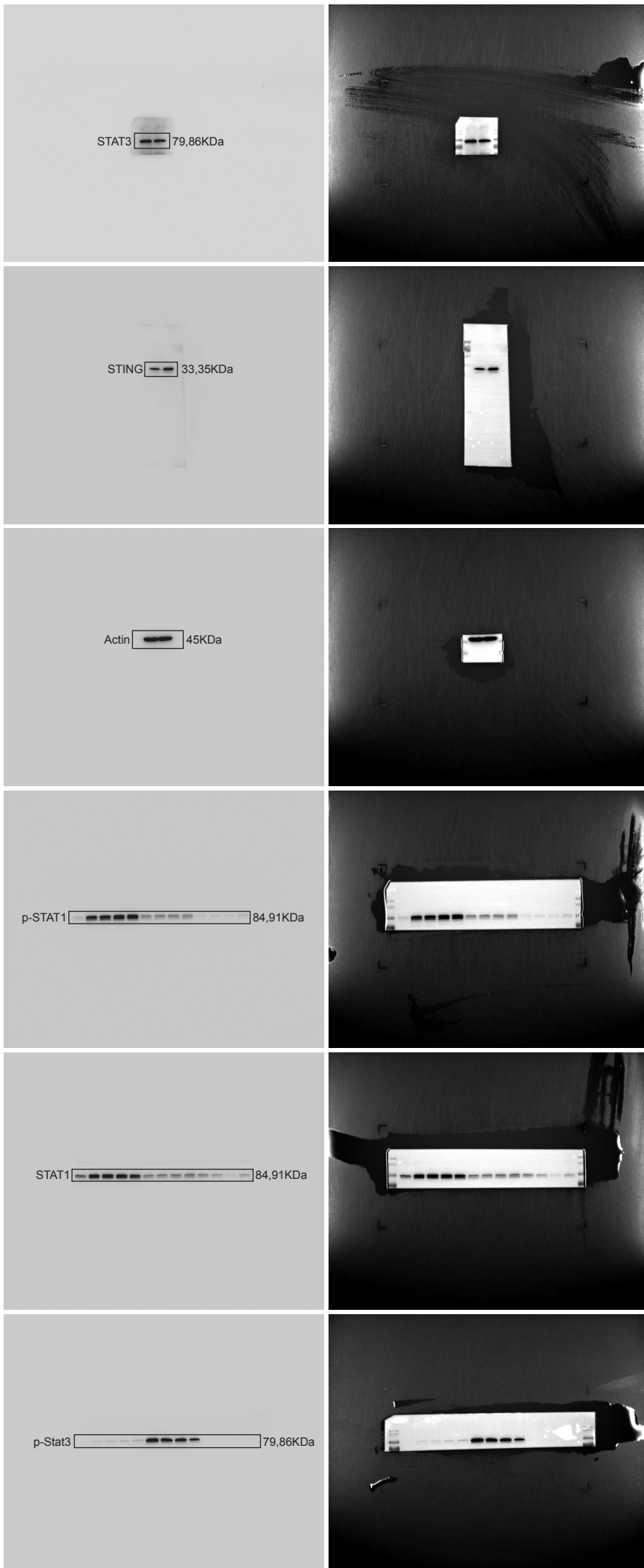
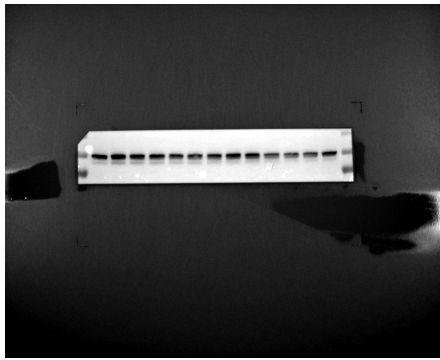
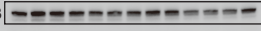
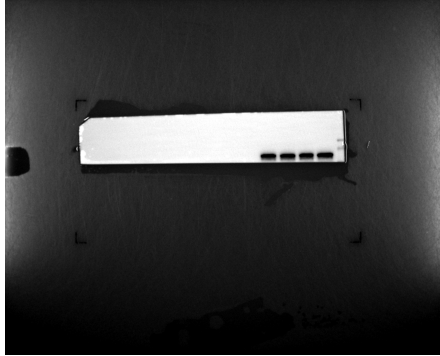
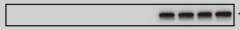


Fig1.h

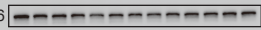
Stat3 79,86KDa



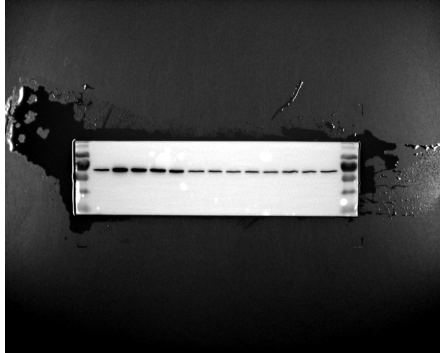
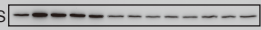
p-STAT6 110KDa



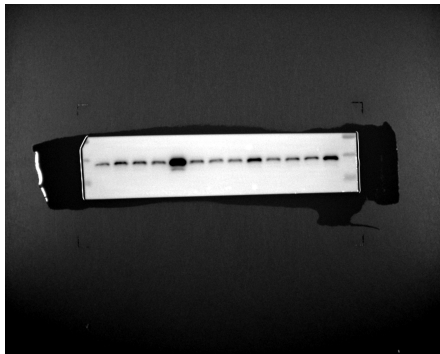
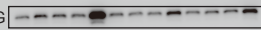
STAT6 110KDa



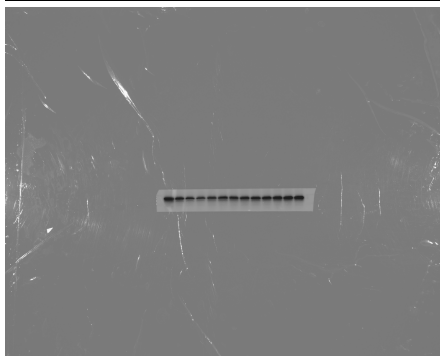
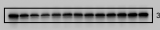
cGAS 62KDa



p-STING 40KDa



STING 33,35KDa



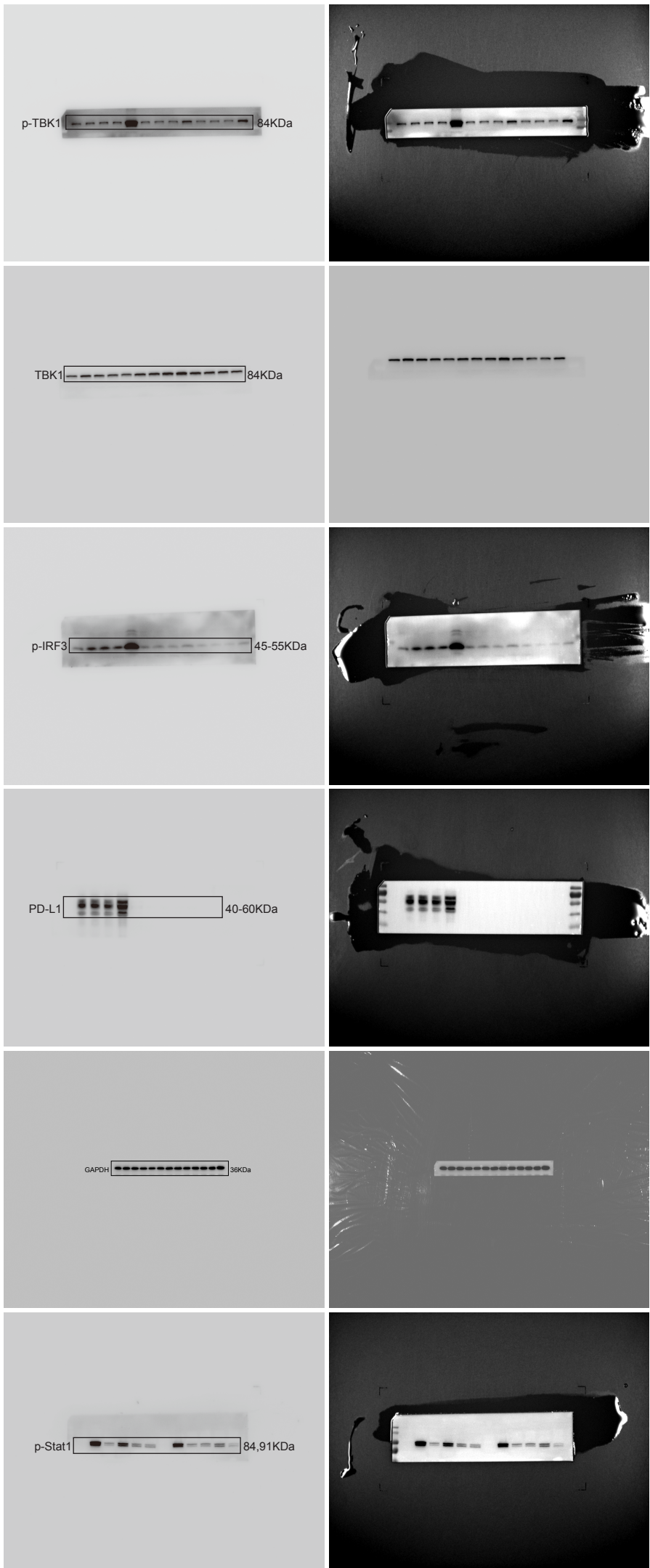
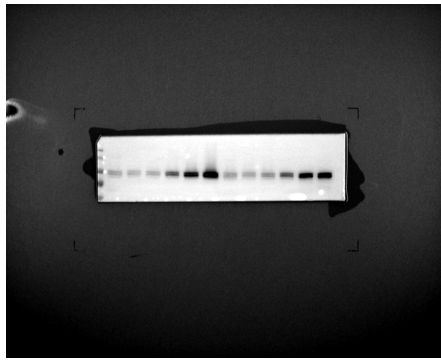
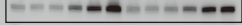
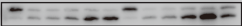


Fig2.a

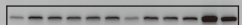
STAT1 84,91KDa



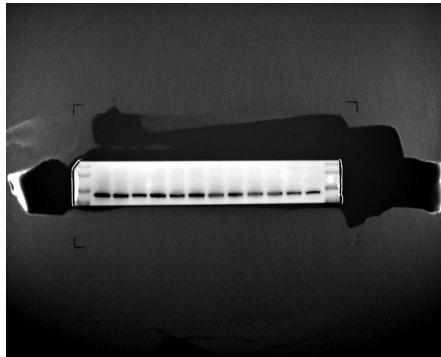
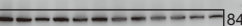
STING 33,35KDa



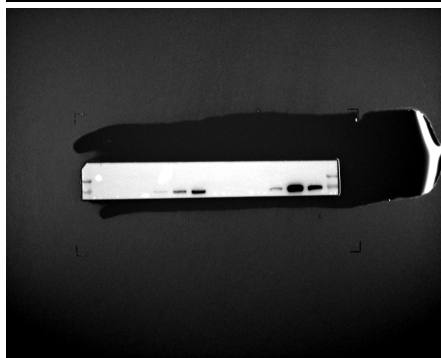
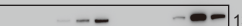
p-TBK1 84KDa



TBK1 84KDa



iNOS 131KDa



PD-L1 40-60KDa

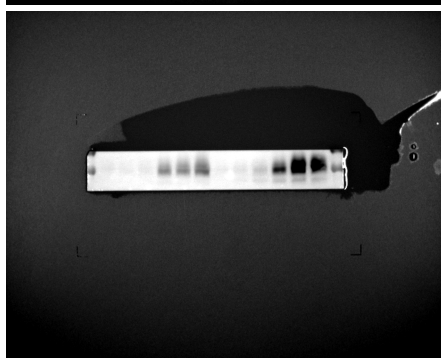


Fig.2b

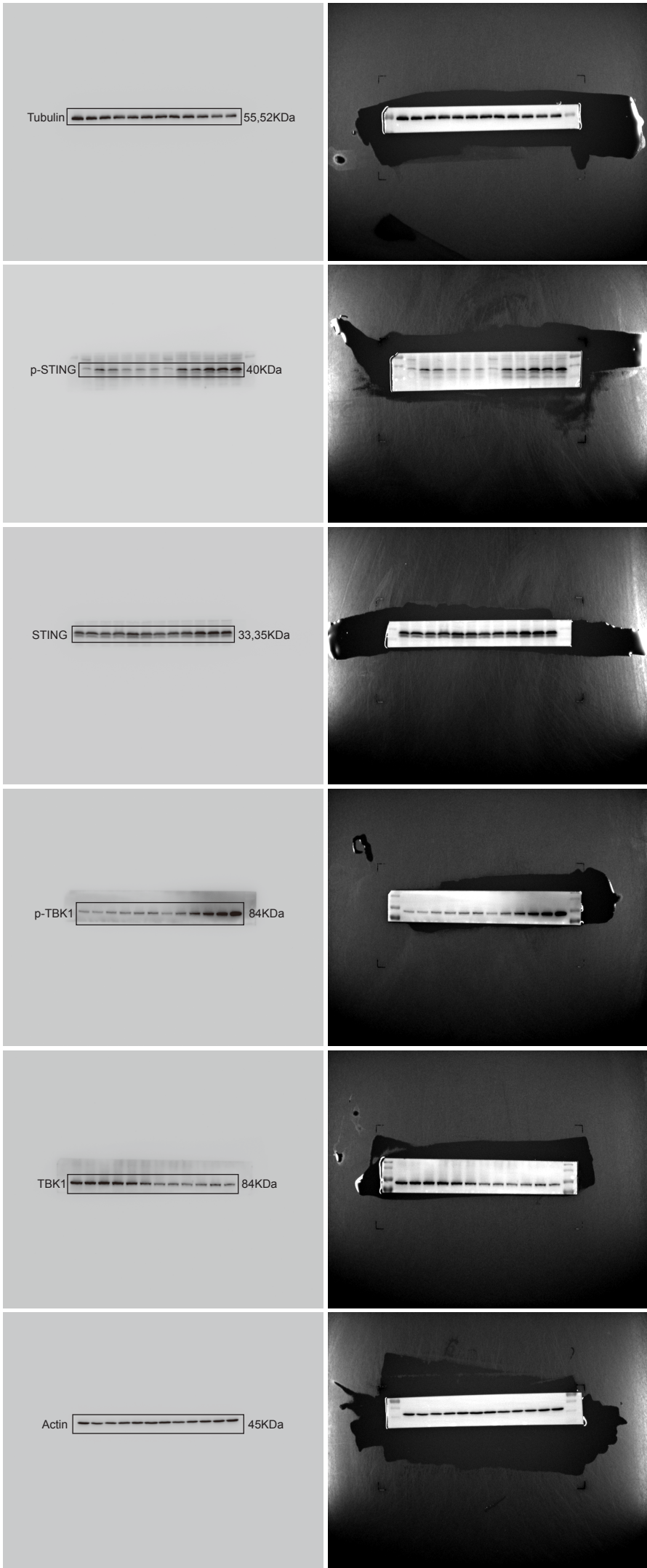


Fig2.c

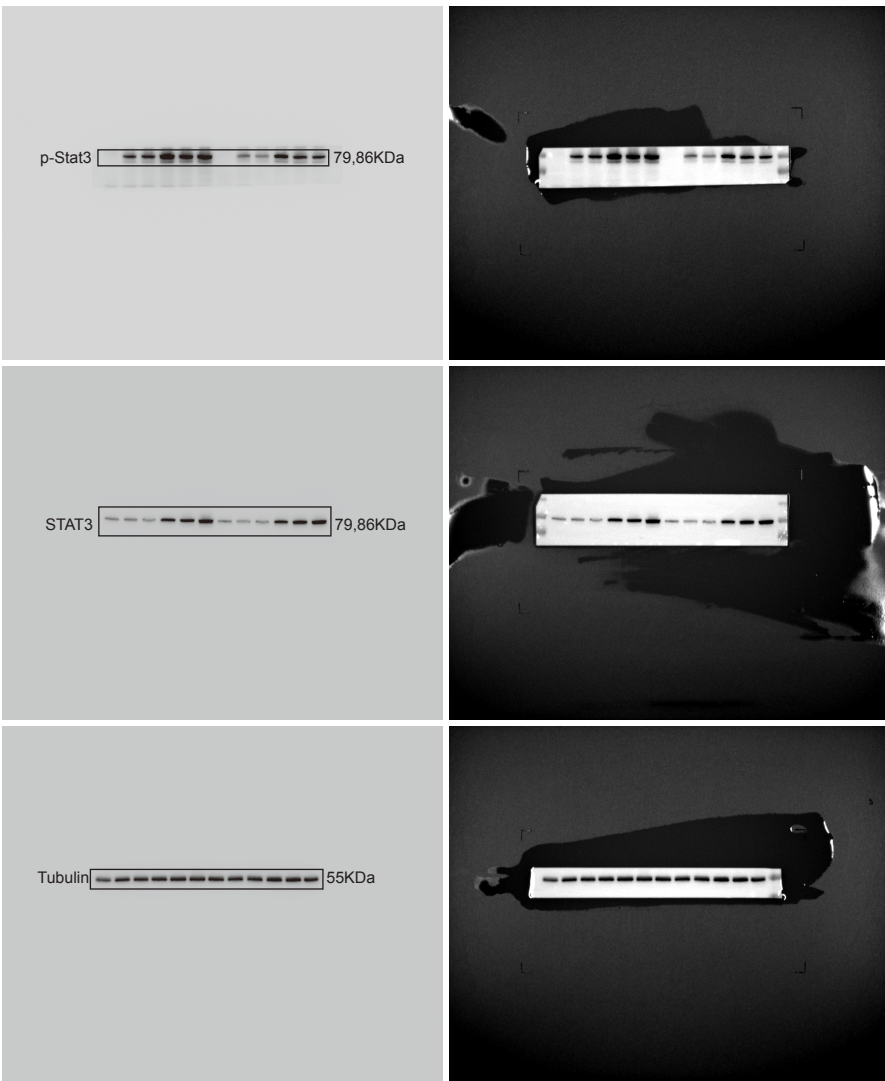


Fig2.d

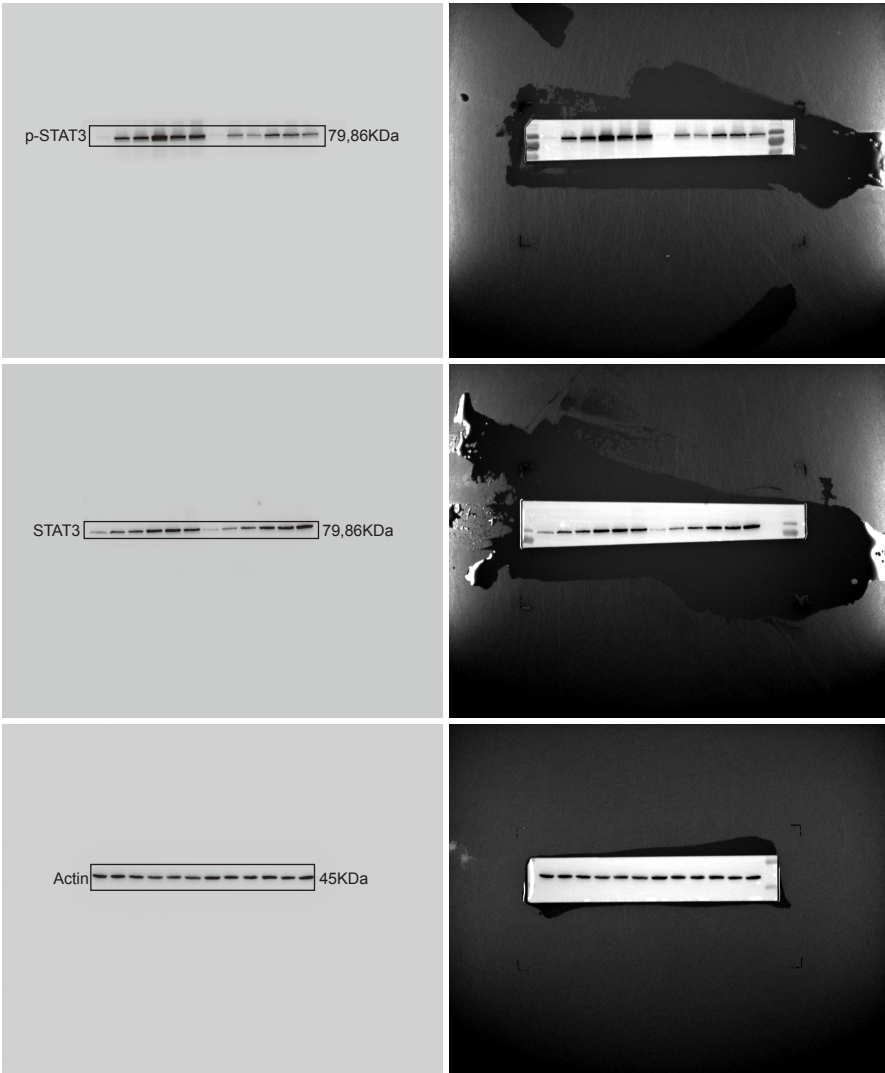
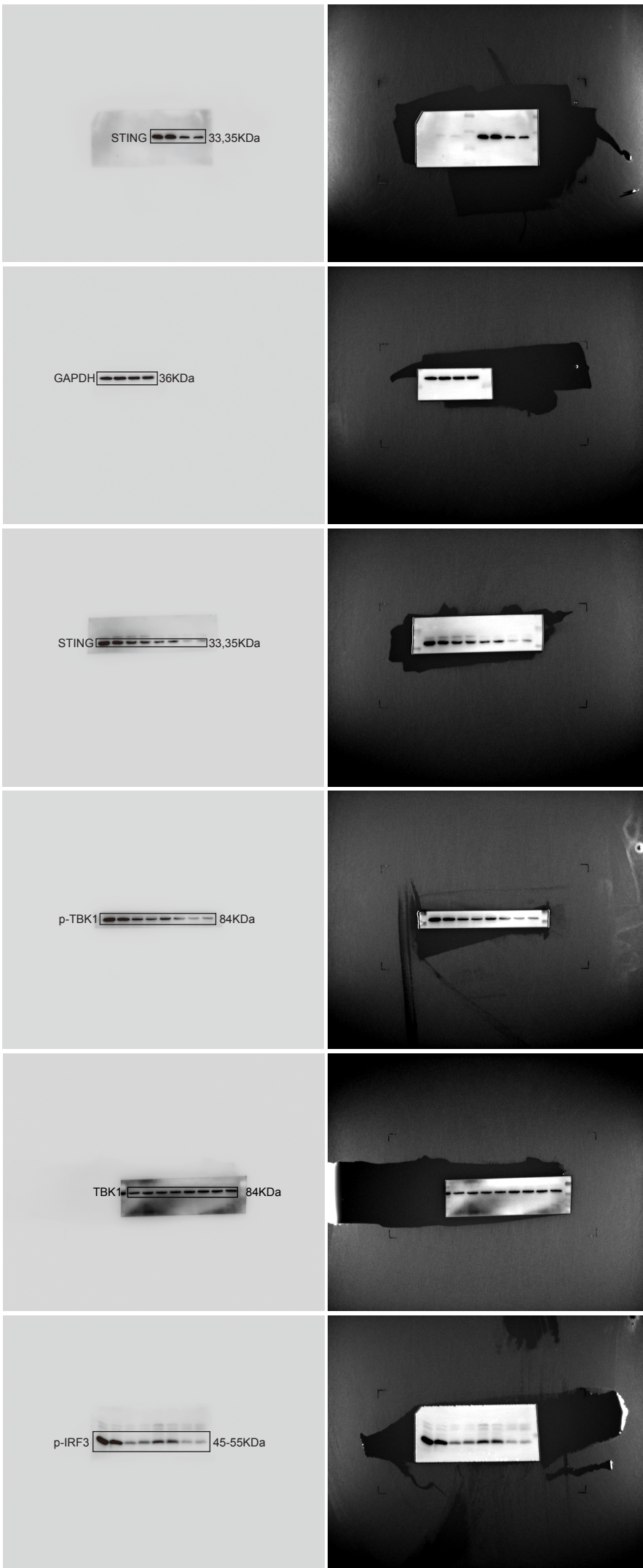


Fig3.a



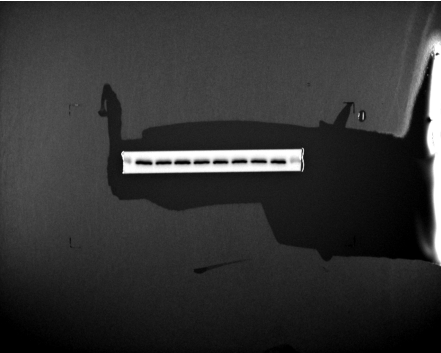
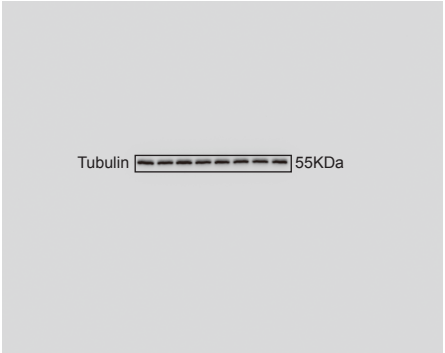
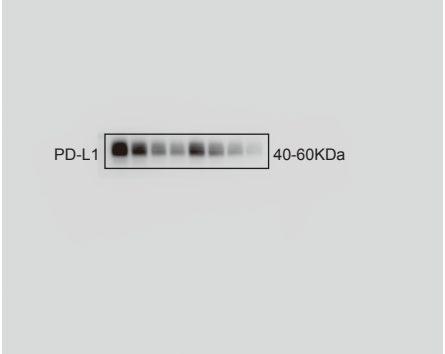
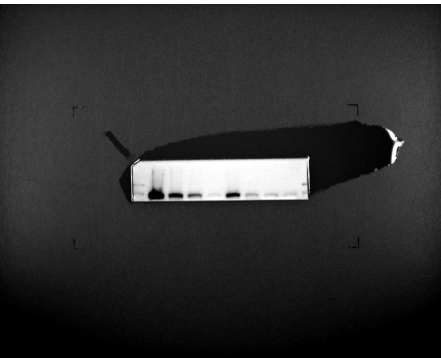
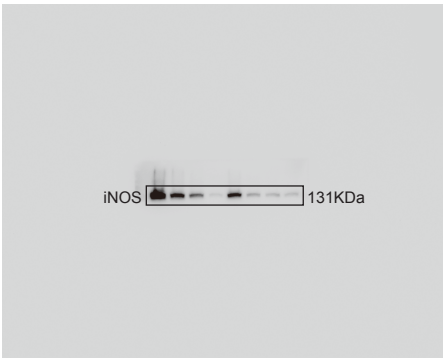
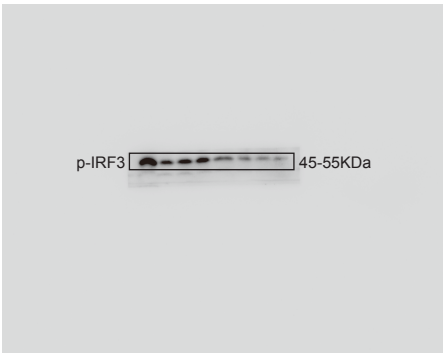
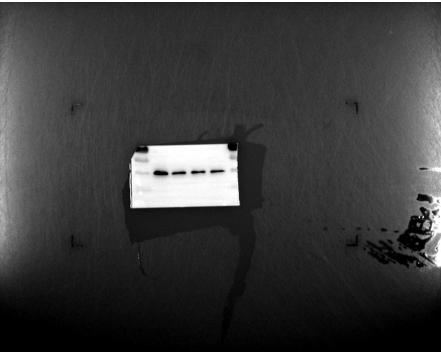
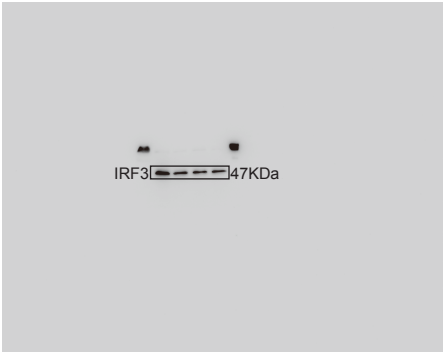


Fig3.b



IRF3 47KDa

iNOS 131KDa

PD-L1 40-60KDa

Actin 45KDa

STING 33,35KDa

p-TBK1 84KDa

Fig3.c

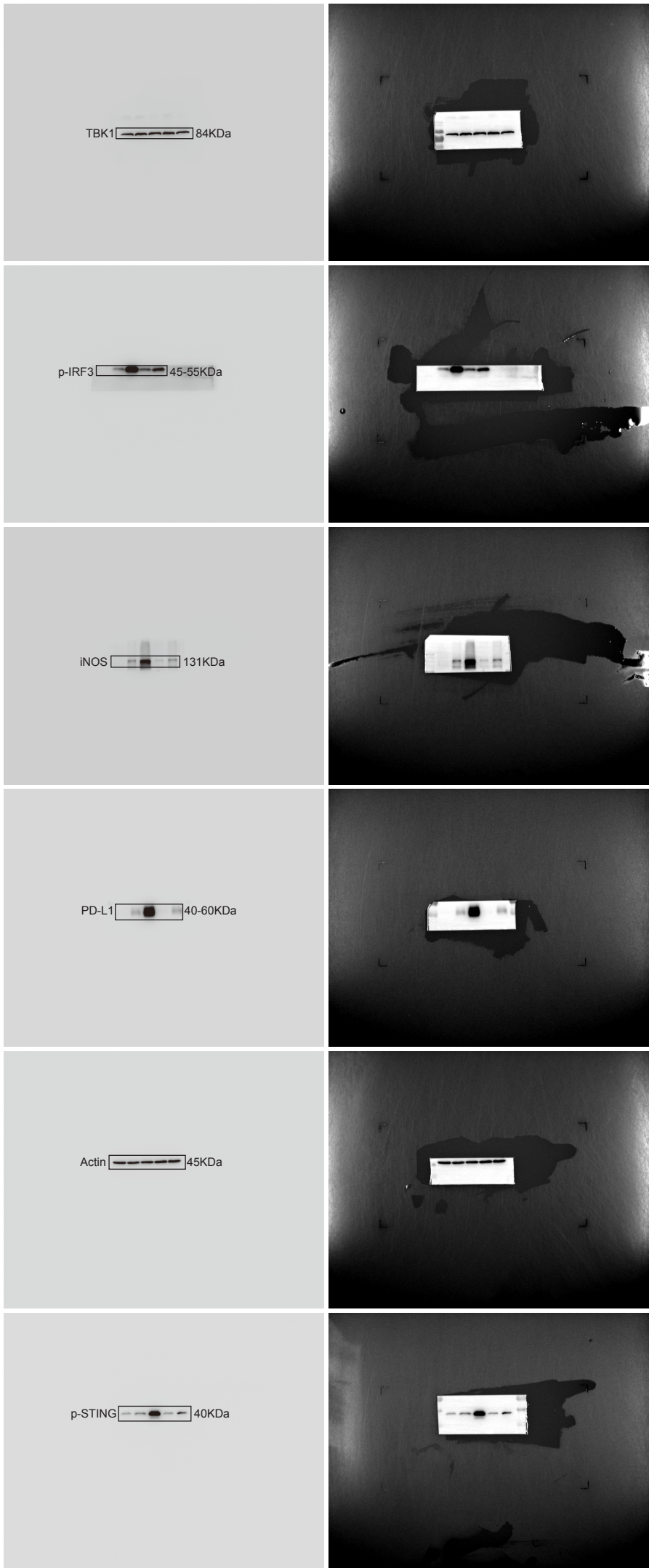


Fig3.d

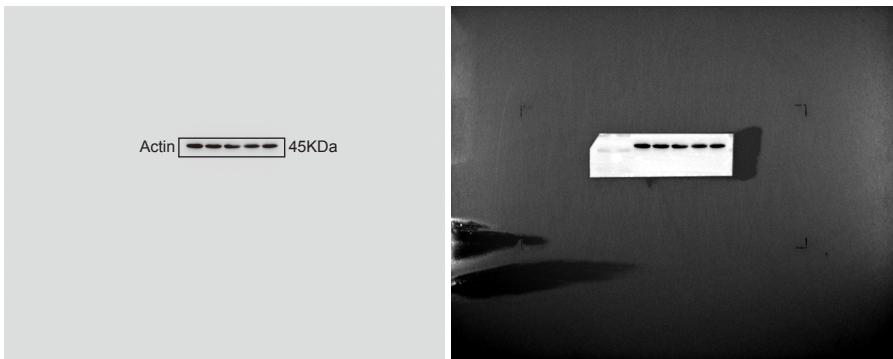
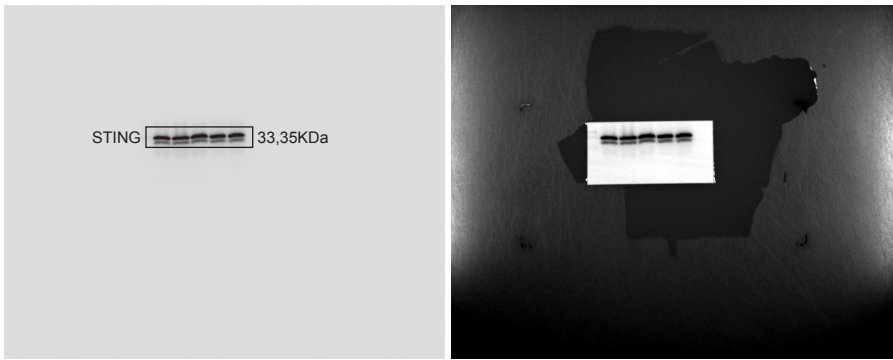


Fig3.e

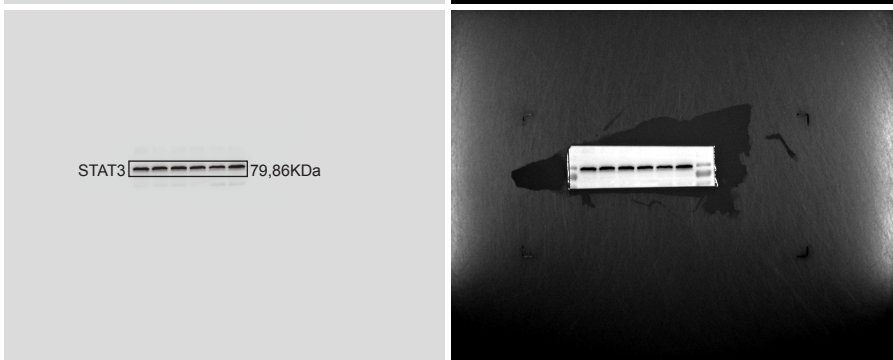
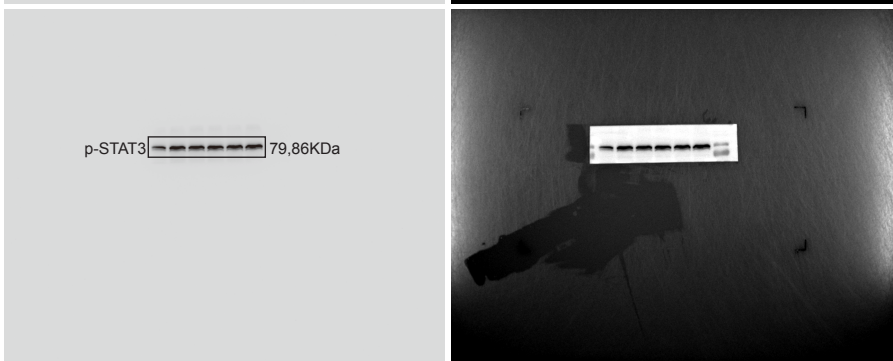
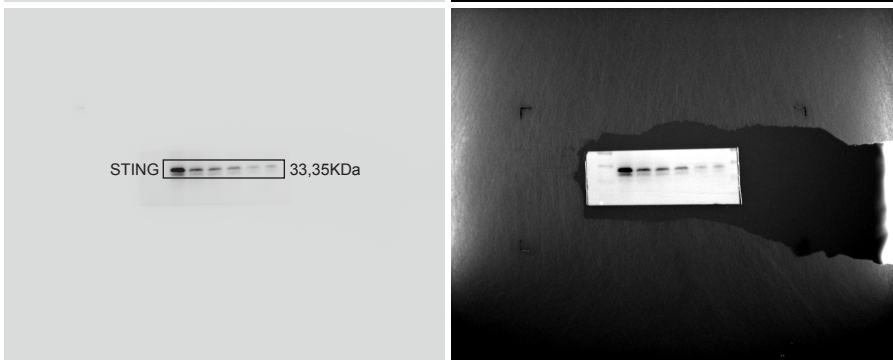


Fig3.f

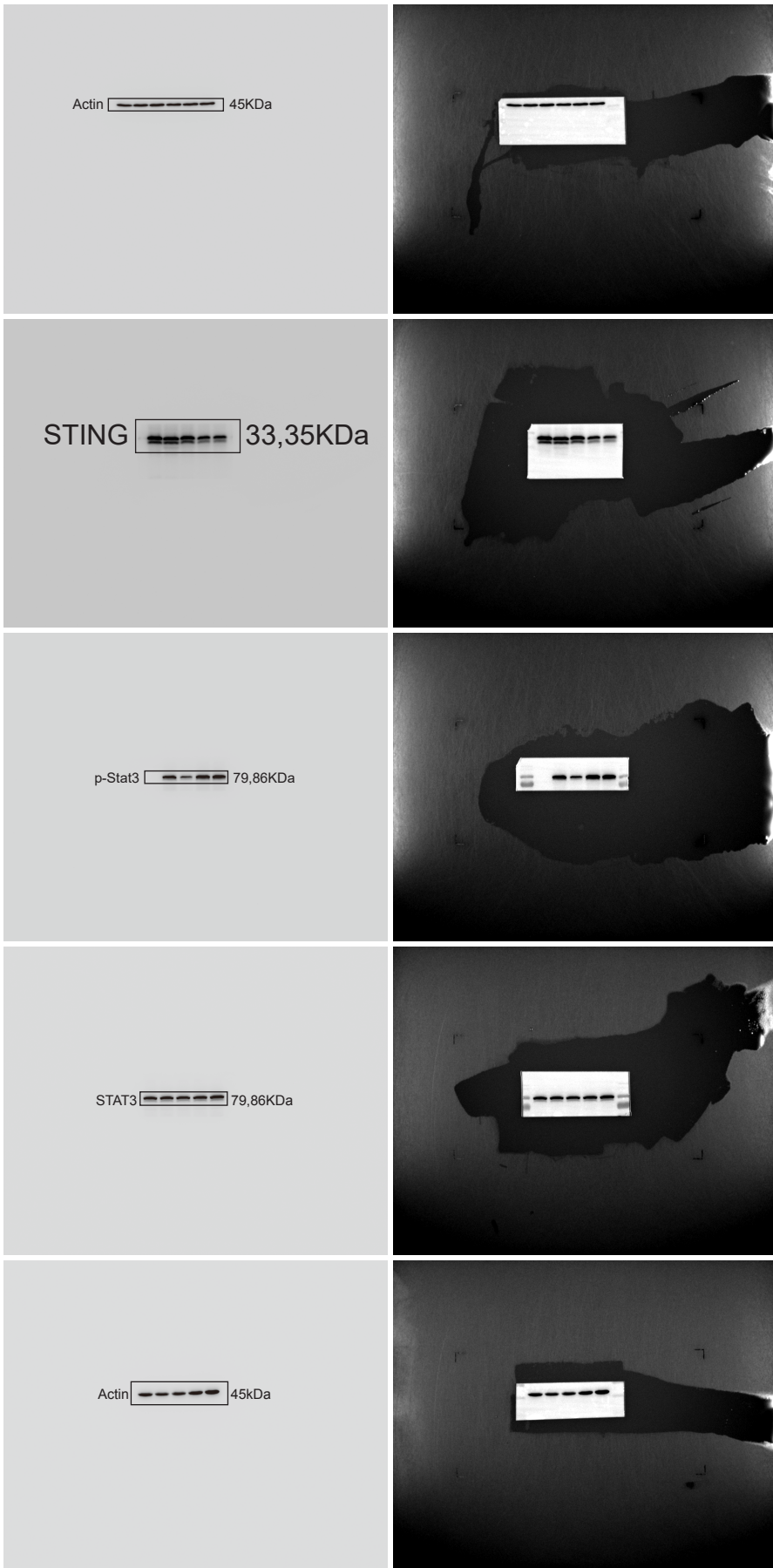
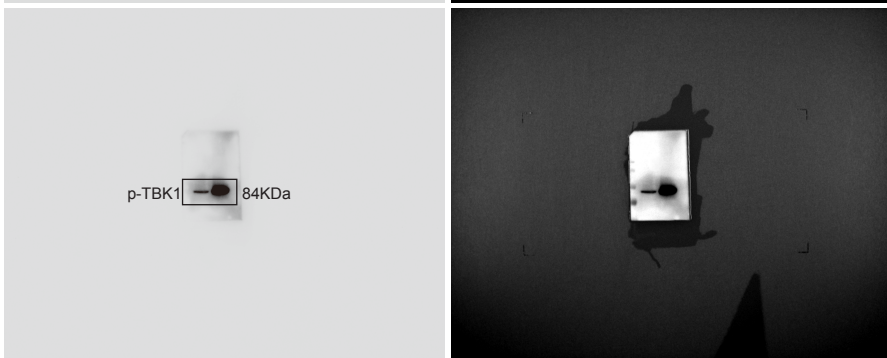


Fig3.g



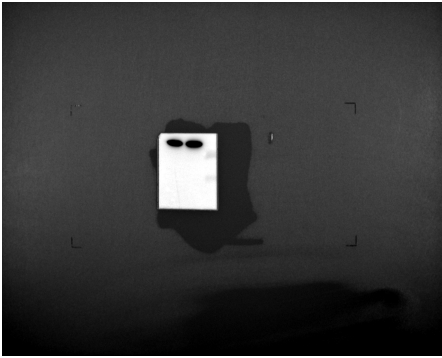
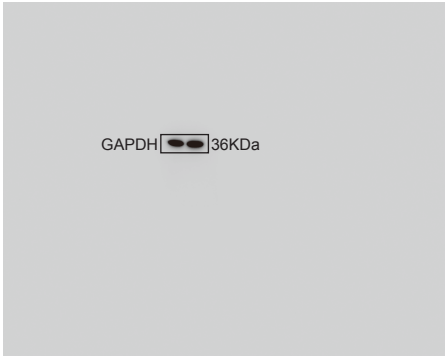
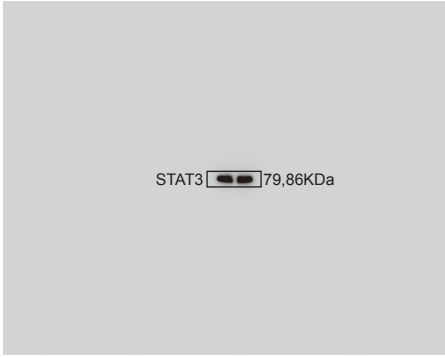
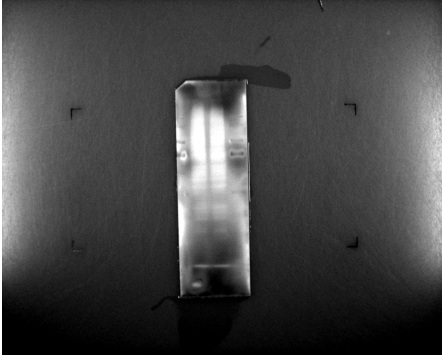
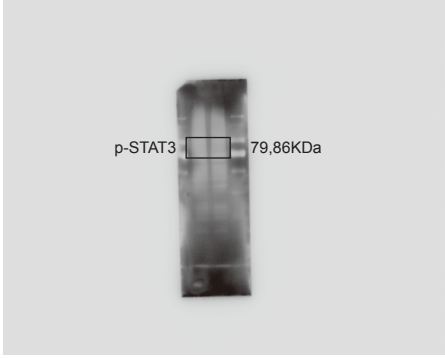
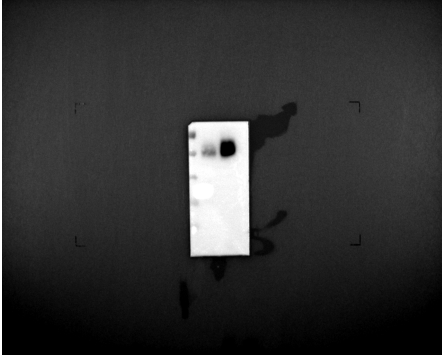
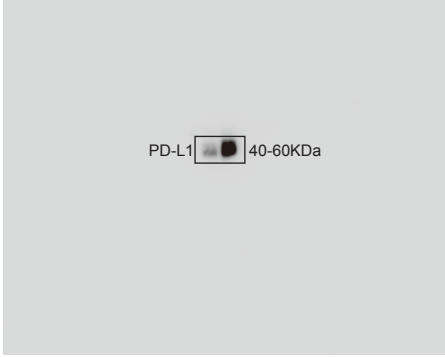
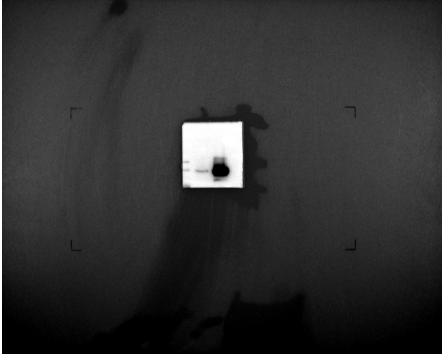
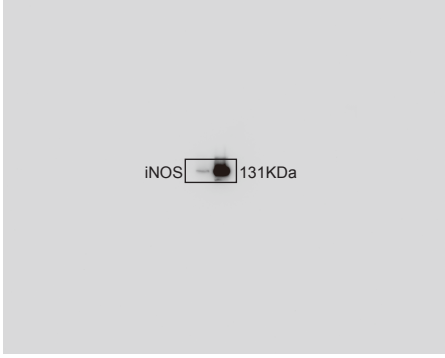
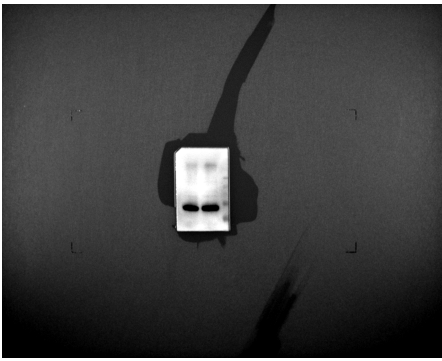
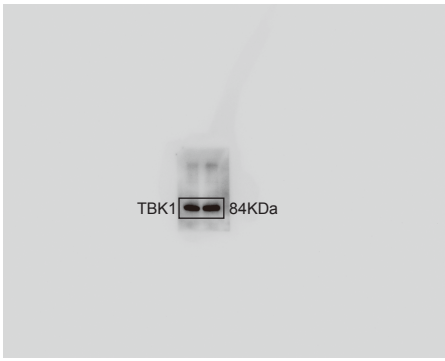


Fig3.h

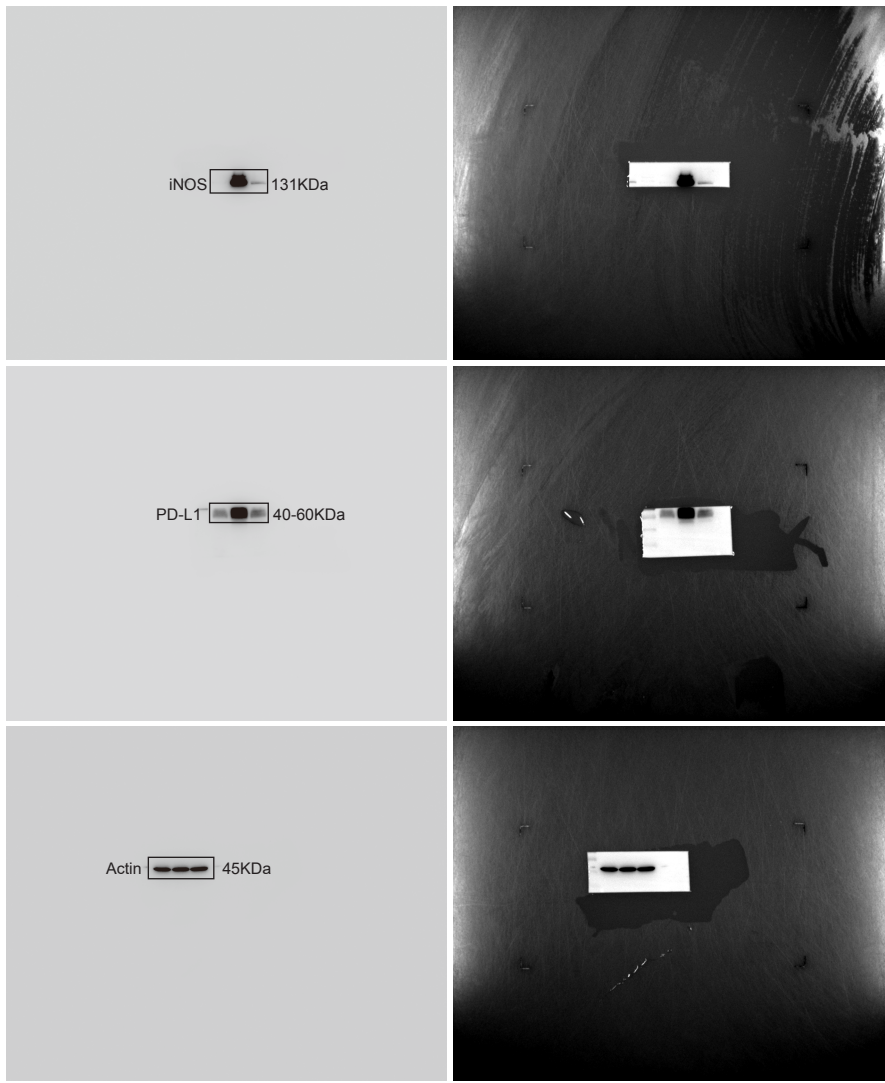


Fig3.i

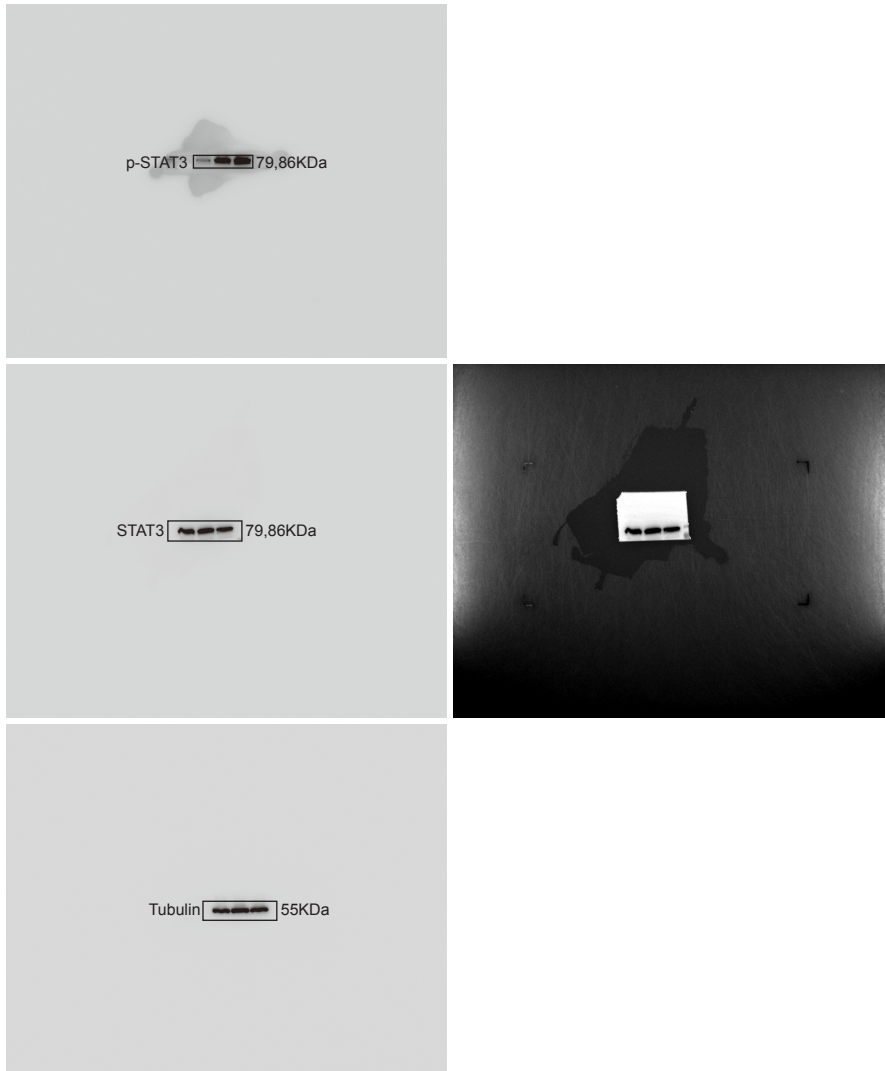


Fig7.c

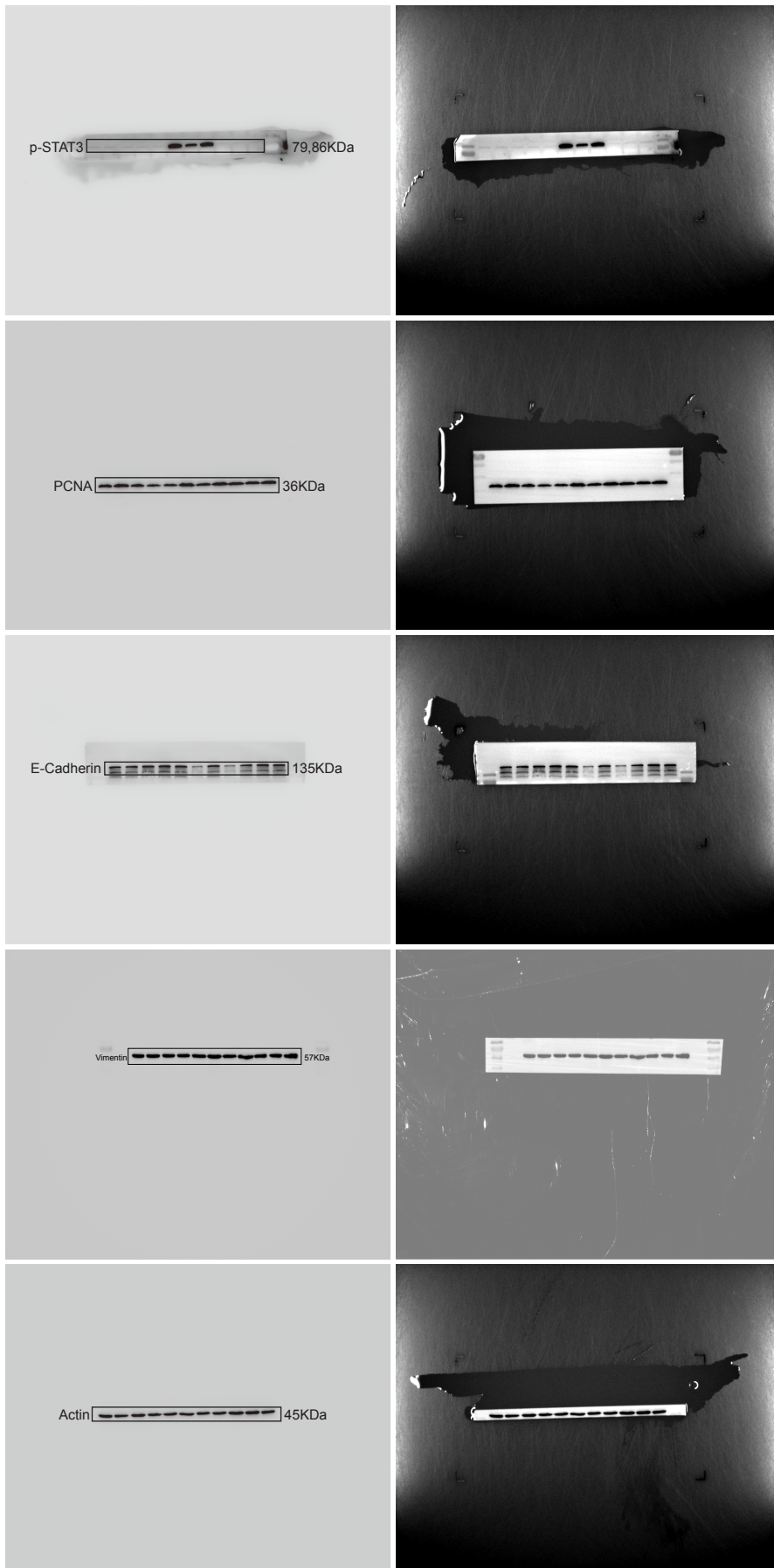
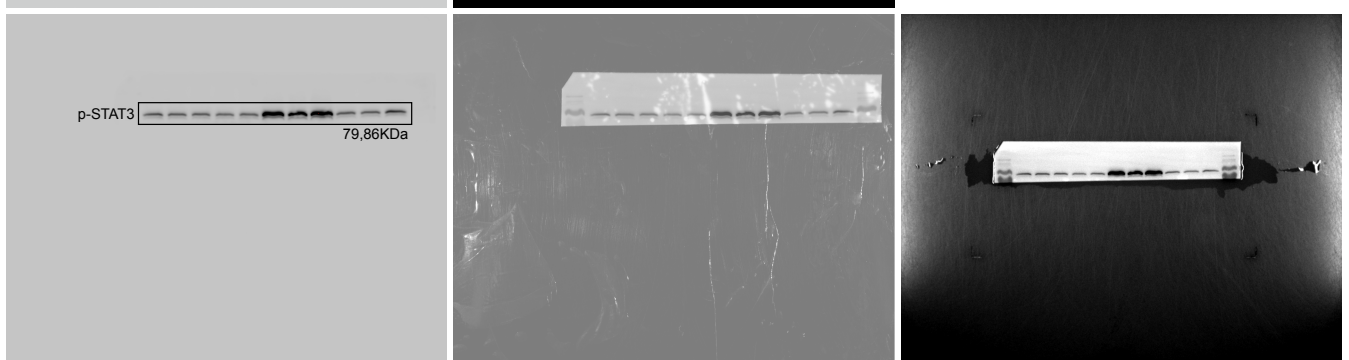


Fig7.d



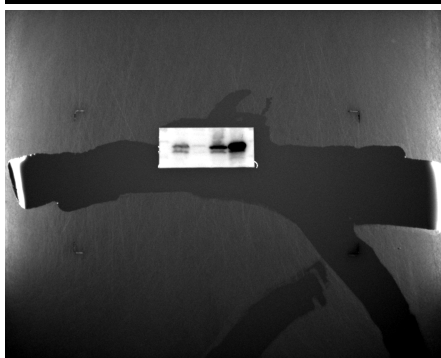
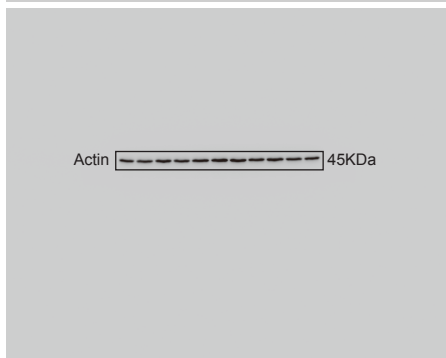
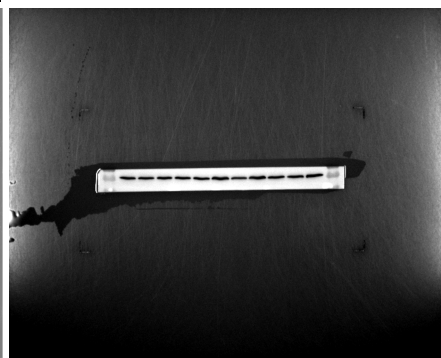
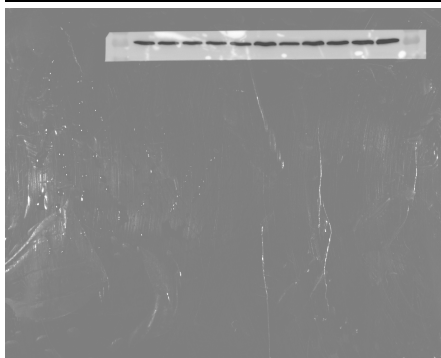
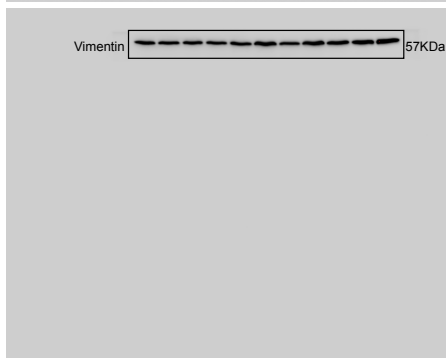
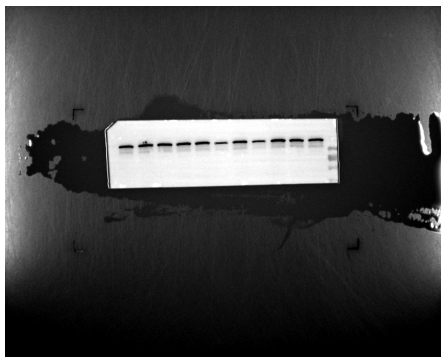
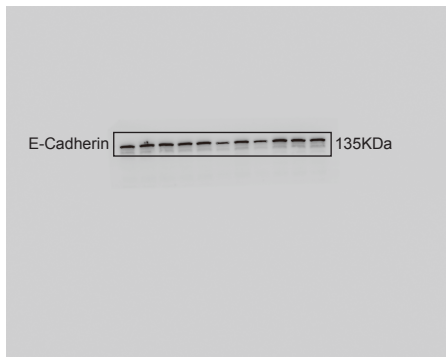
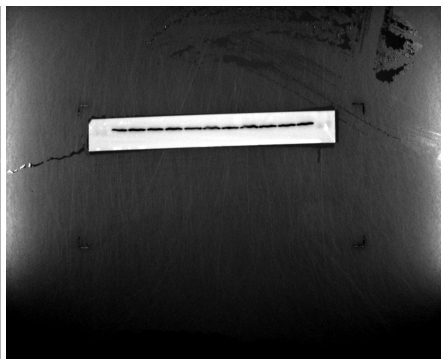
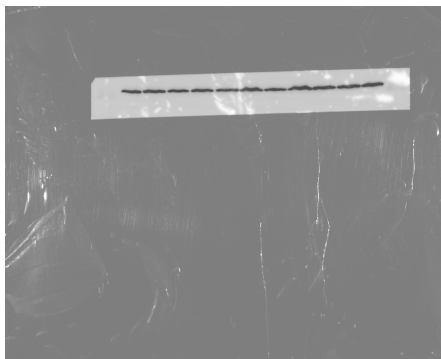
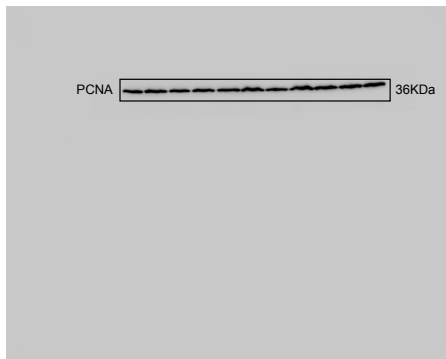
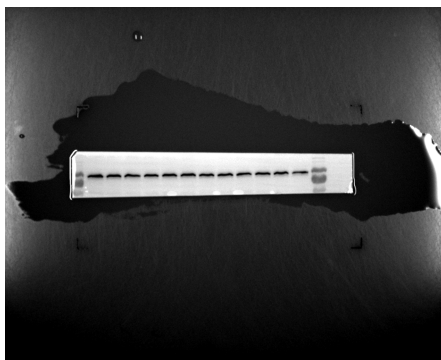
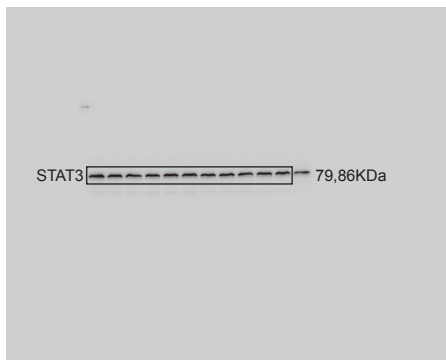
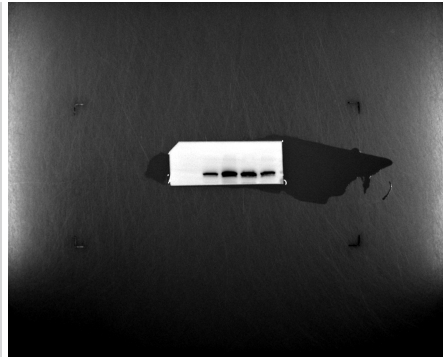


Fig7.e

STAT3 [Western blot image] 79,86KDa



Actin [Western blot image] 45KDa

