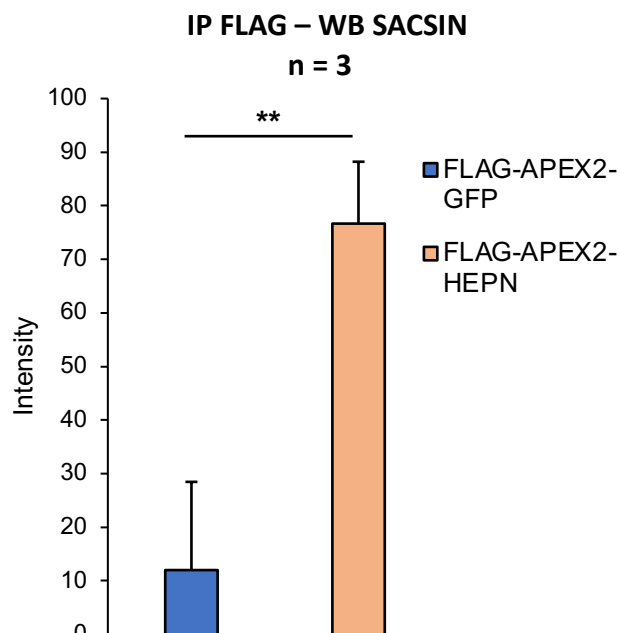
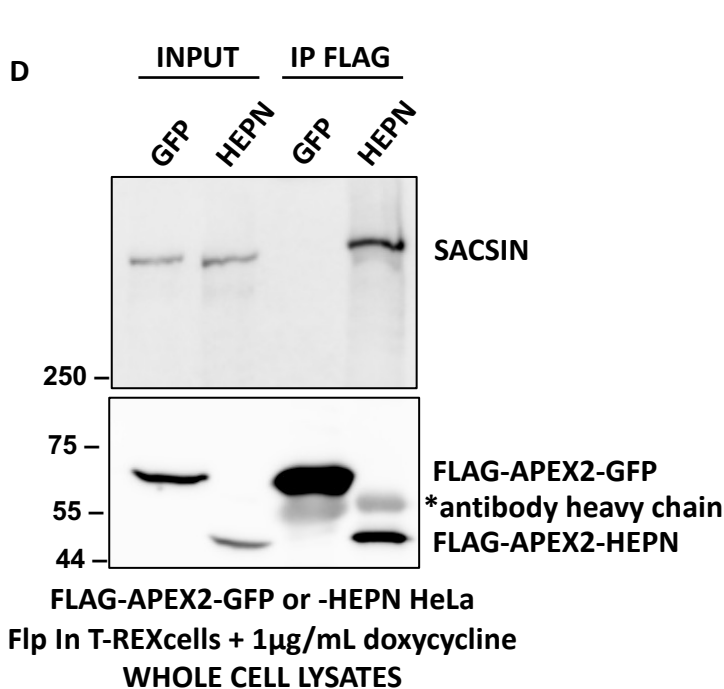
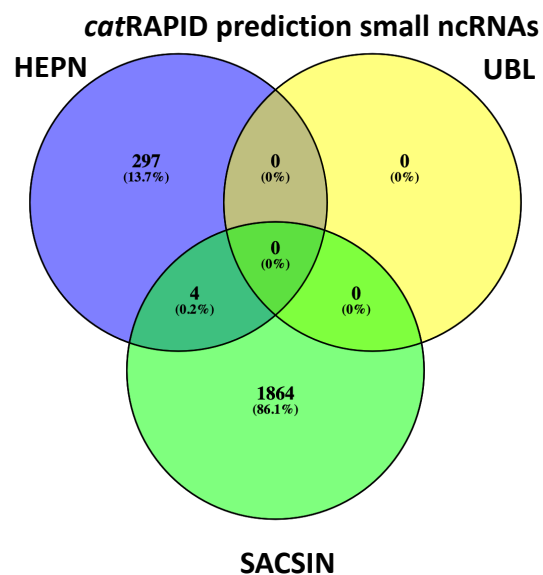
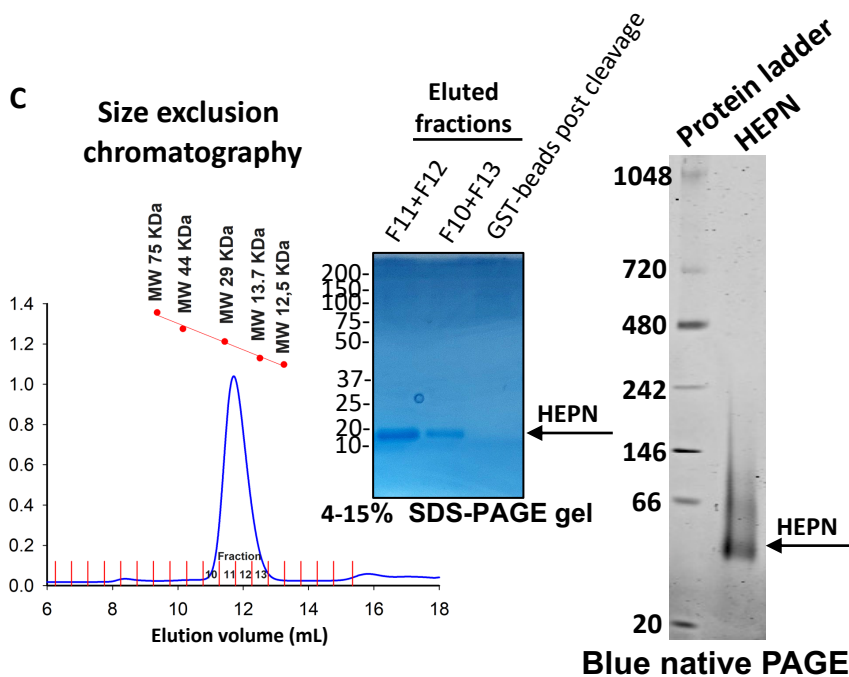
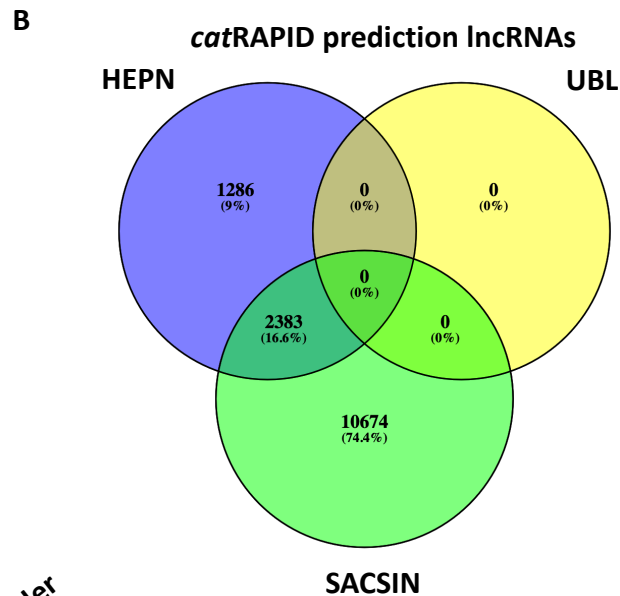
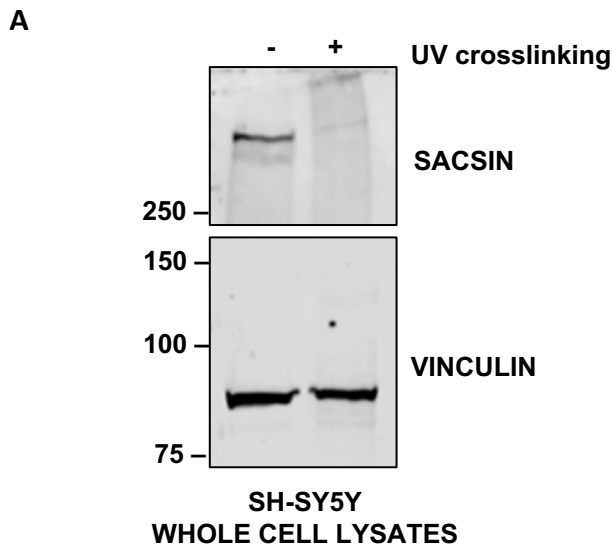
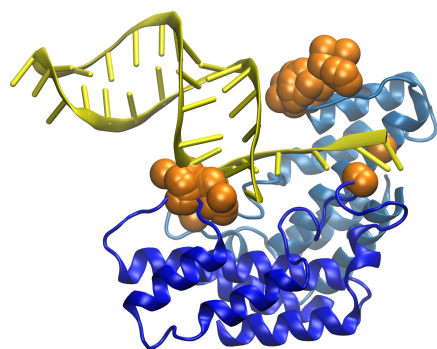




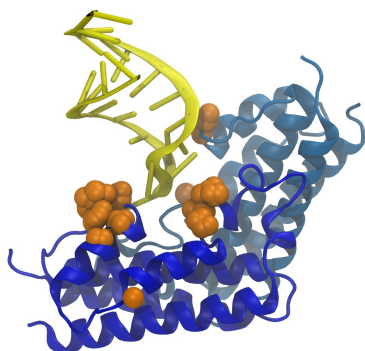
Supplementary Figure 1

A

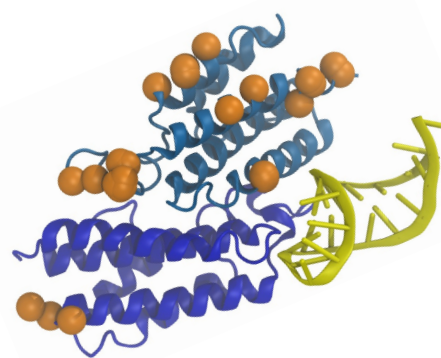
**HEPN +
32-nt GC-rich RNA**



**HEPN +
20-nt GC-rich RNA**

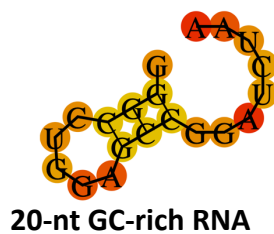
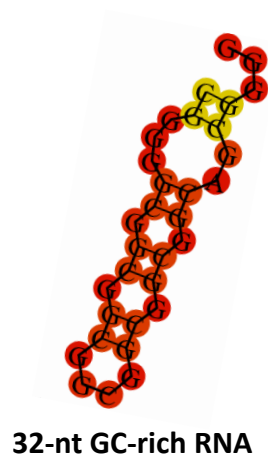


**HEPN +
20-nt G-rich RNA**



B

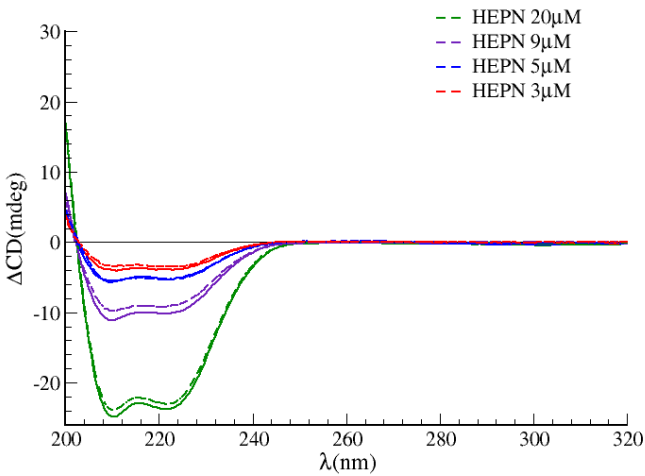
RNA-fold web server predictions



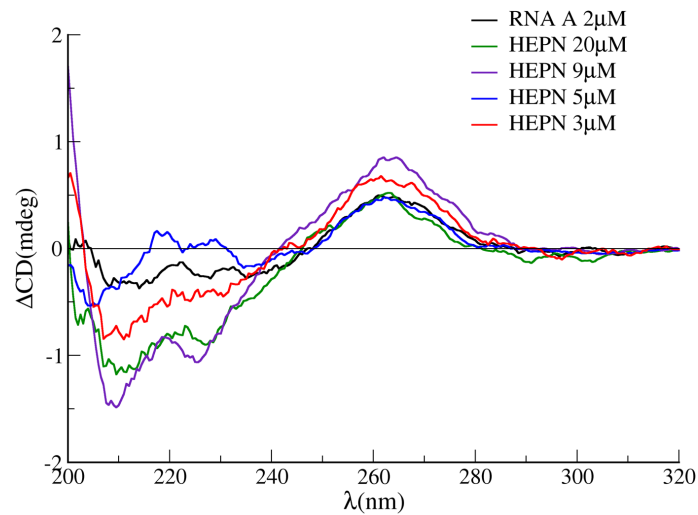
A

Conc.(μM)	Response
10	2.16E-02
5	4.10E-02
2.5	3.66E-02
1.25	-1.69E-03
0.625	-2.45E-02
0.3125	-2.94E-02
0.1563	-2.97E-02
0.0781	-3.09E-02

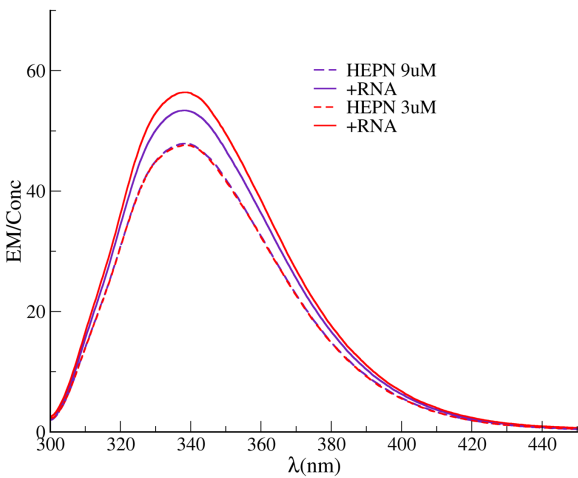
B



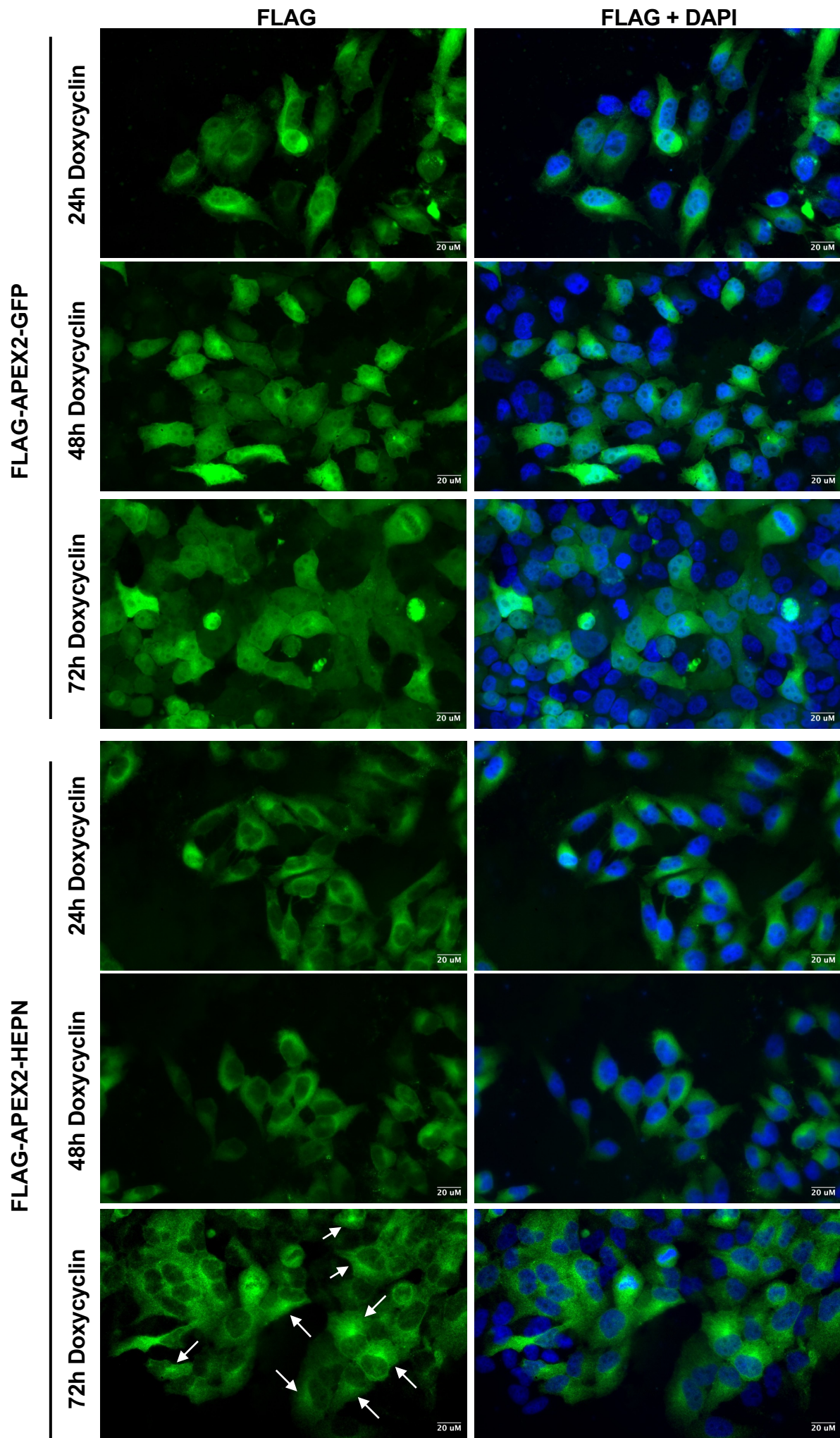
C



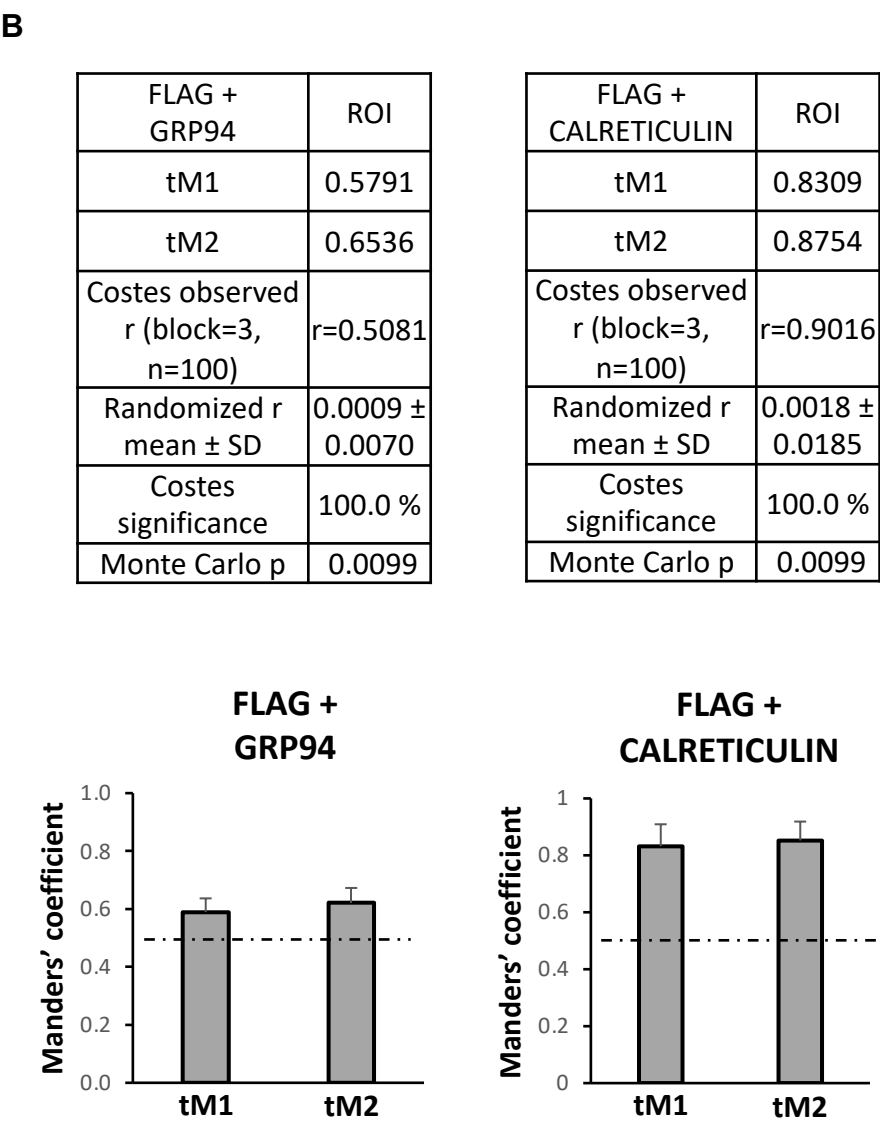
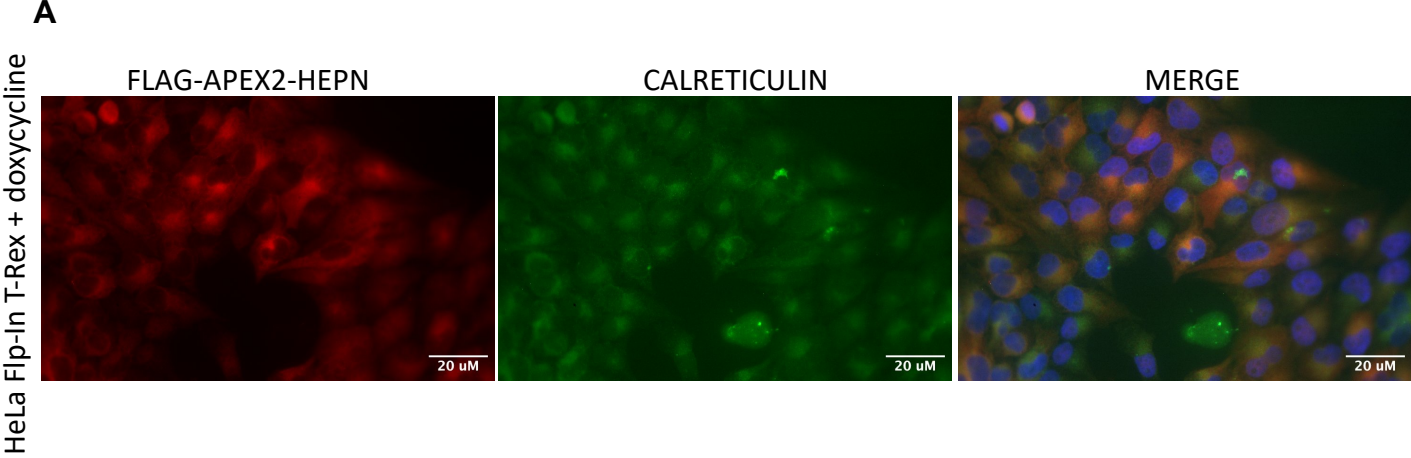
D



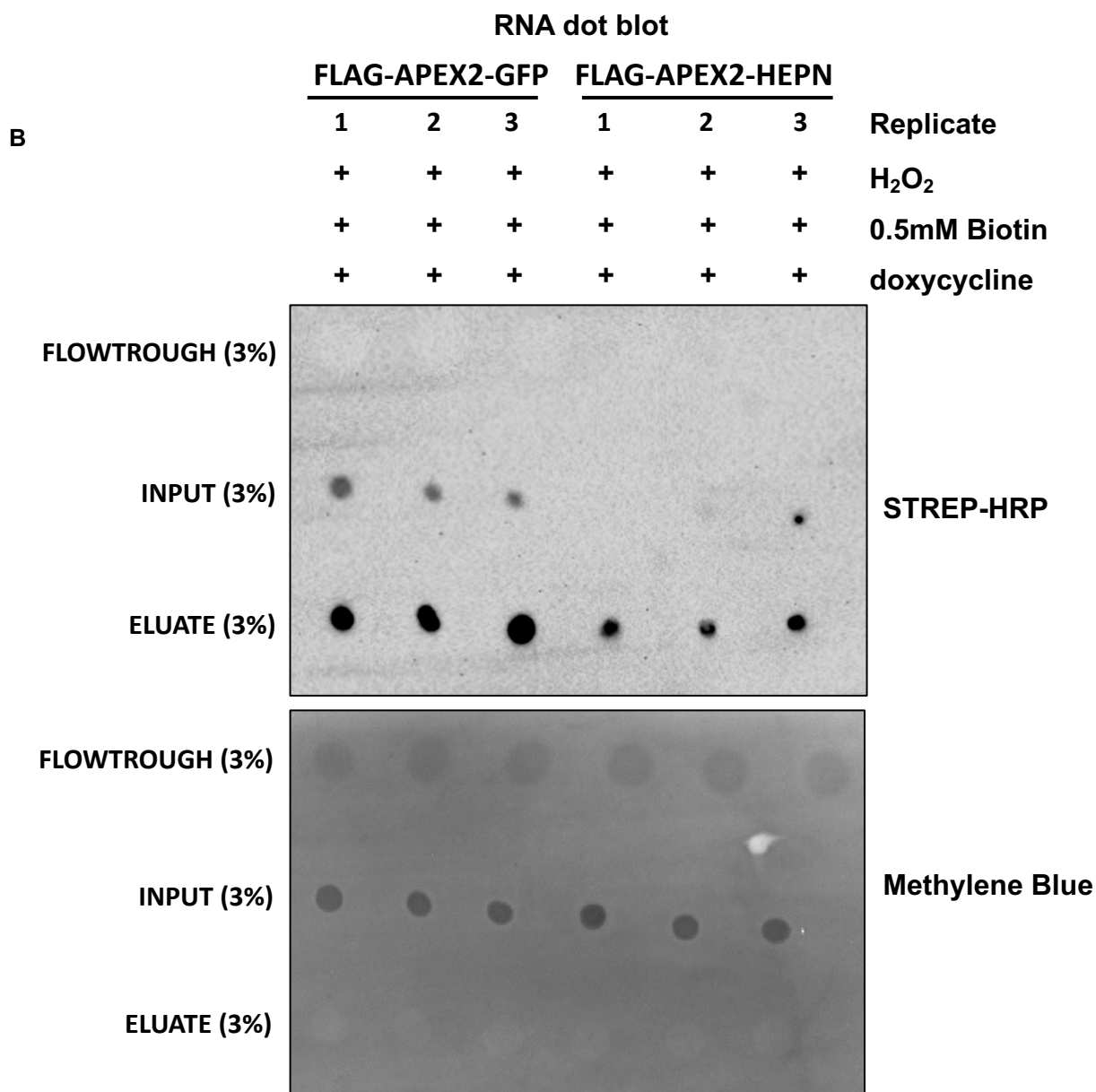
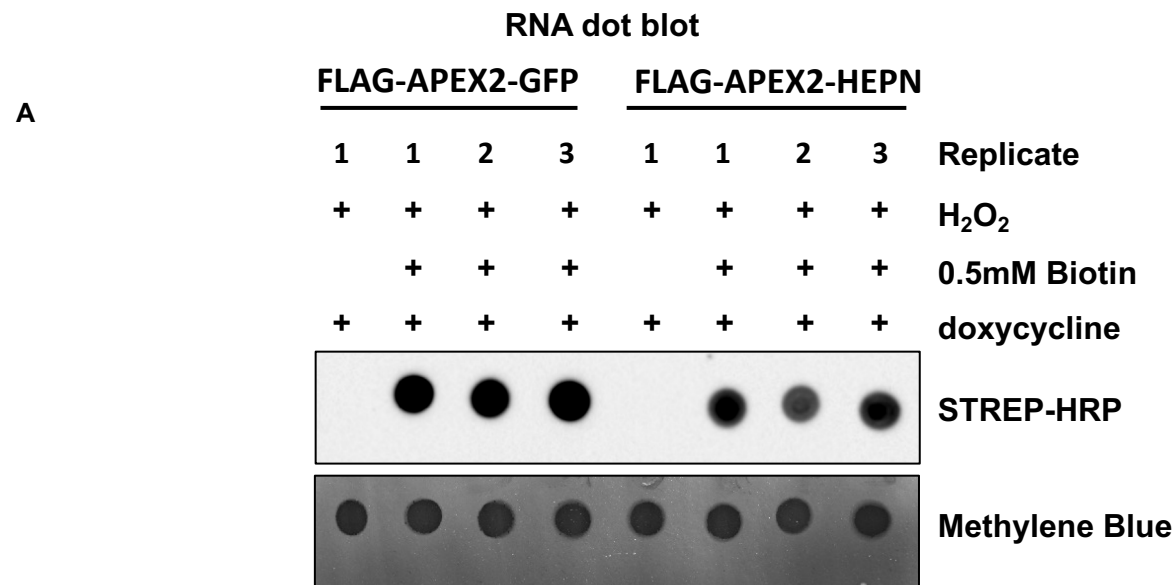
Supplementary Figure 3



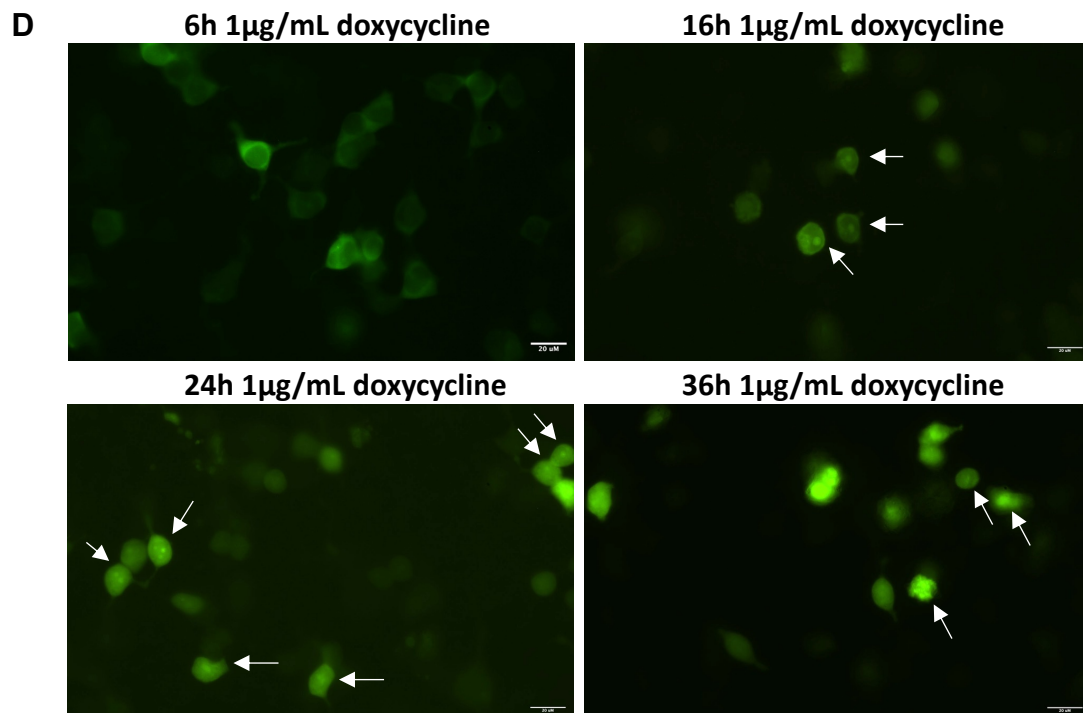
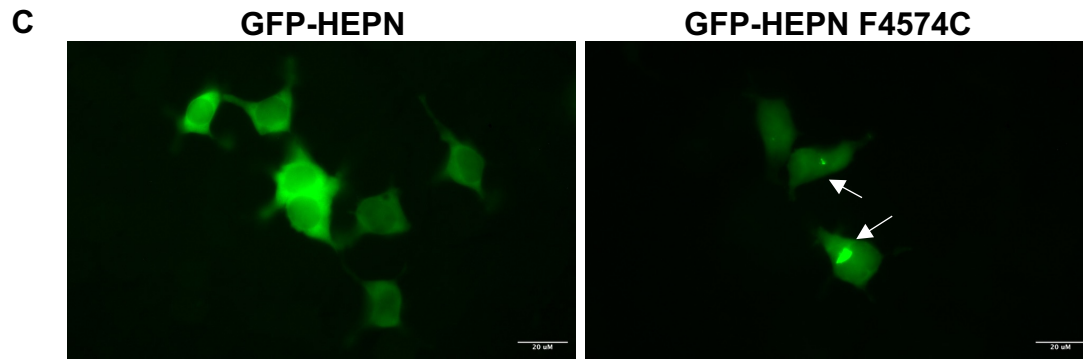
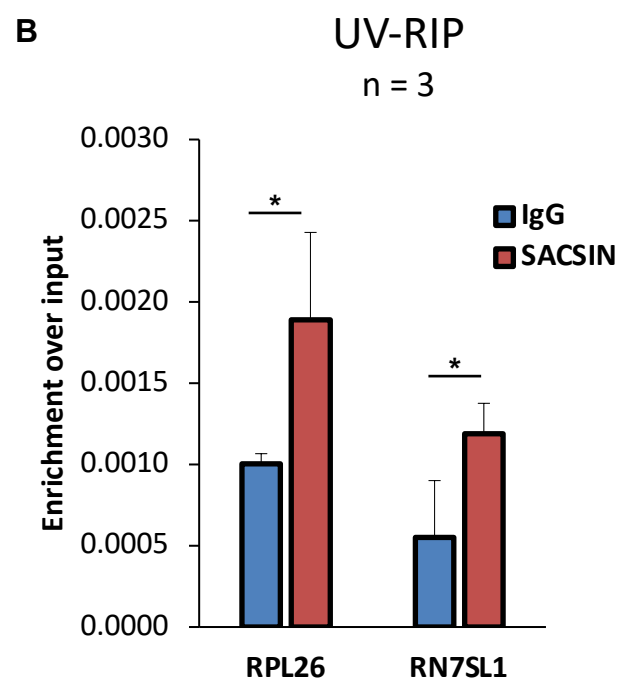
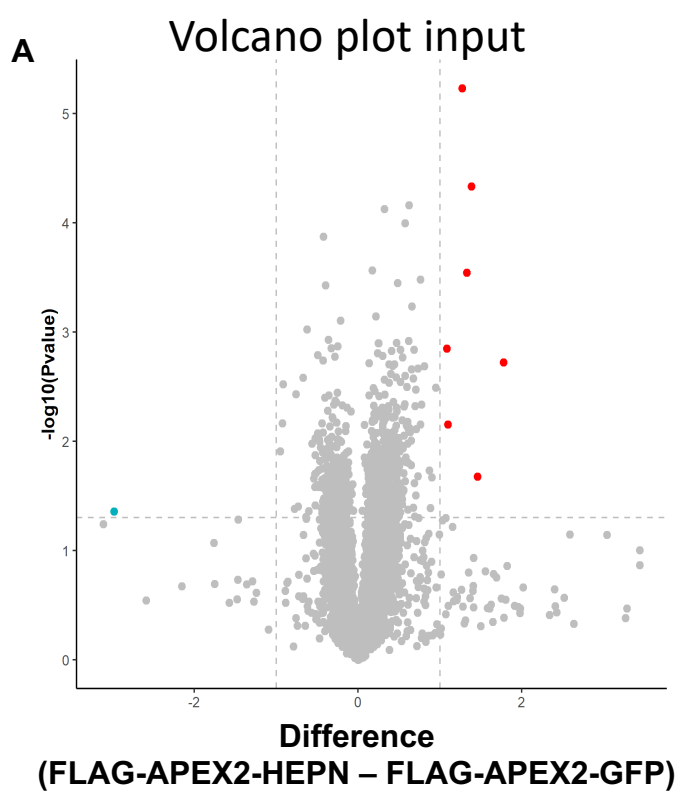
Supplementary Figure 4



Supplementary Figure 5



Supplementary Figure 6



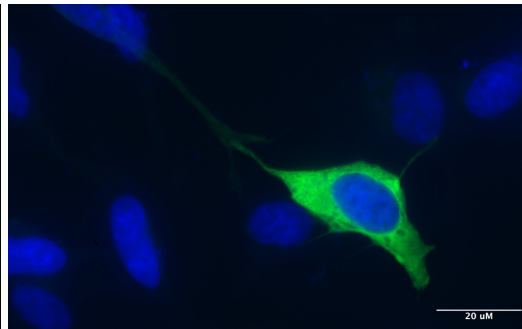
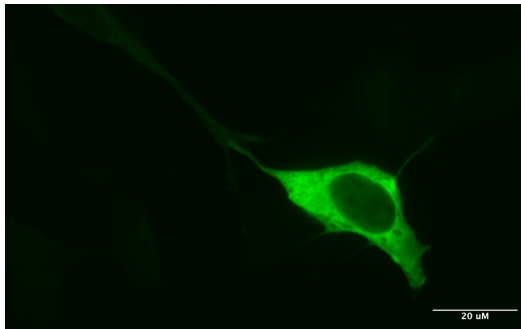
Supplementary Figure 7

FLAG

FLAG + DAPI

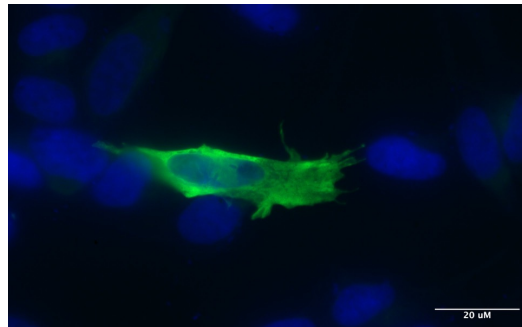
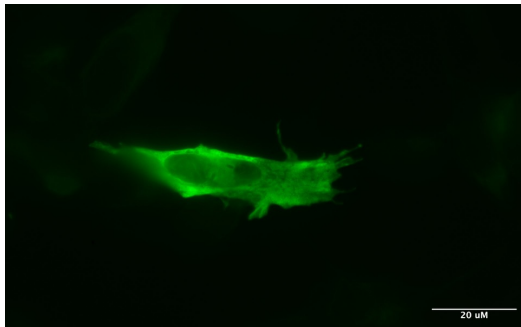
SACSIN Knock-out SH-SY5Y

APEX2-HEPN



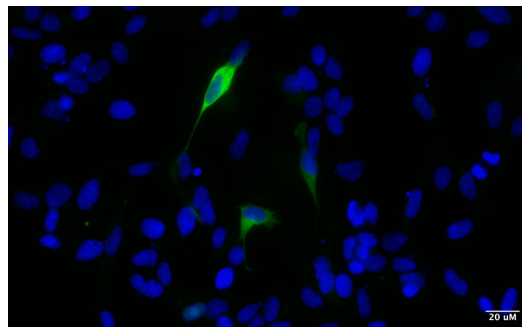
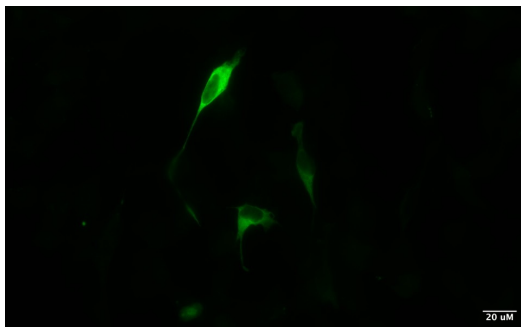
Objective 100x

APEX2-HEPN



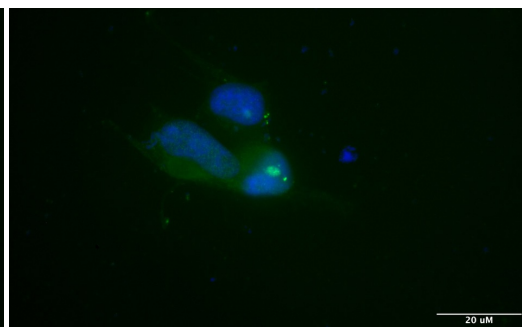
Objective 100x

APEX2-HEPN

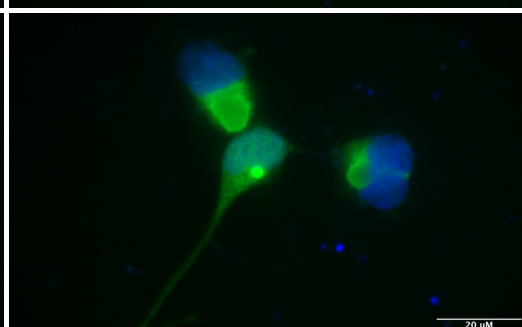
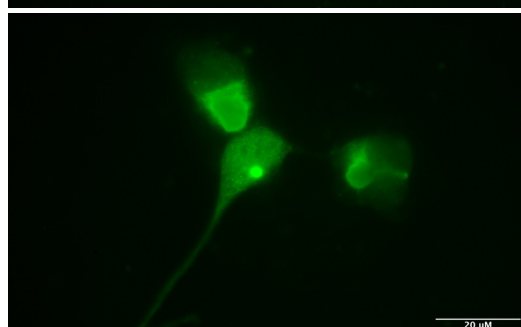


Objective 40x

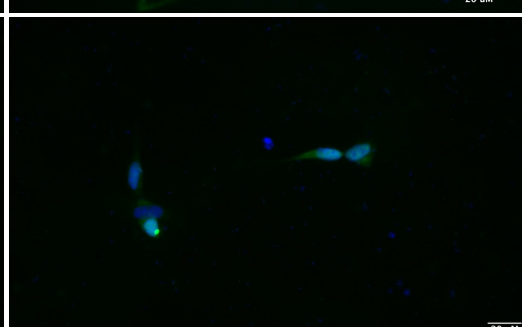
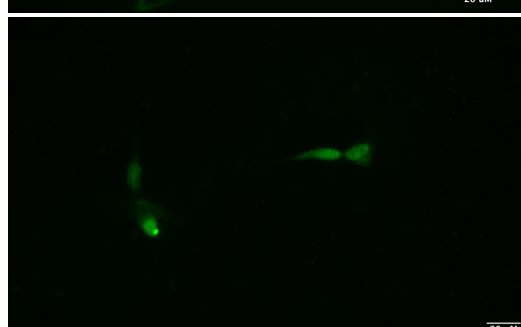
APEX2-HEPN F4574C APEX2-HEPN F4574C APEX2-HEPN F4574C



Objective 100x

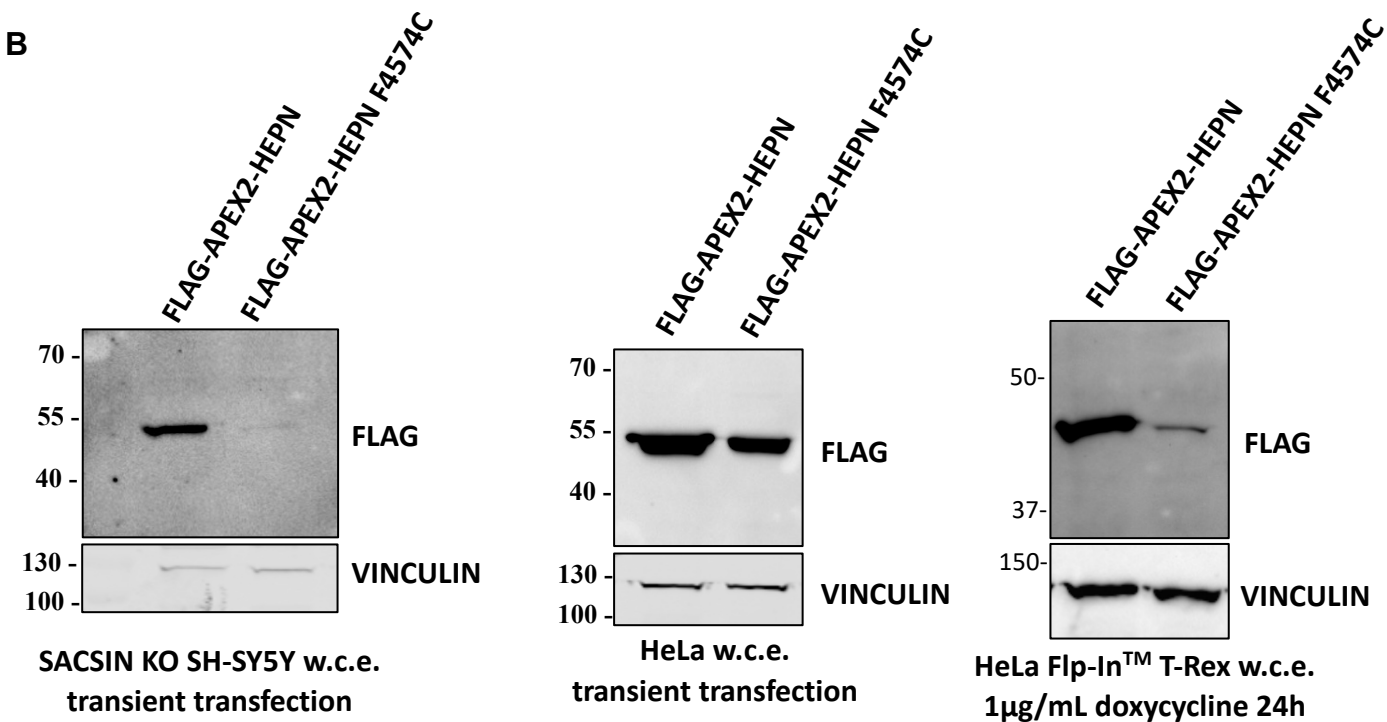
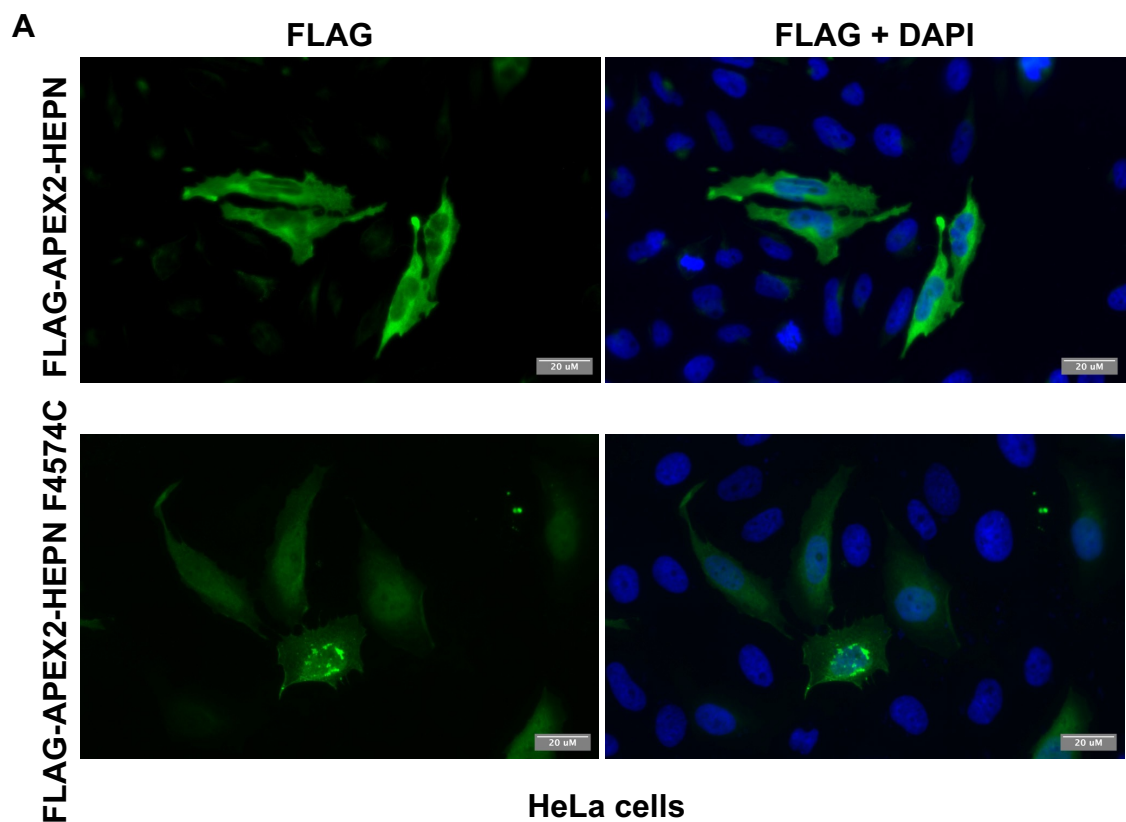


Objective 100x



Objective 40x

Supplementary Figure 8



Supplementary Figure 9