

Product Name: UBE2O Rabbit pAb [KO Validated]

Catalog #: Y3382-20; Y3382-100

Also Known As: UBE2O; E2-230K

Quantity: 20 μl for Y3382-20; 100 μl for Y3382-100

Concentration: See labels on tube

Host Species: Rabbit Isotype: IgG

Reactivity: Human, Mouse, Rat

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1073-1292 of

human UBE2O (NP_071349.3.)

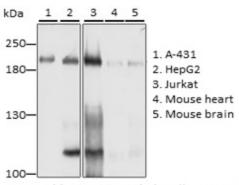
Swiss Prot. #: Q9C0C9
Calculated MW: 141 kDa
Detected MW: 200 kDa

Applications: WB (1:1000 - 1:4,000)

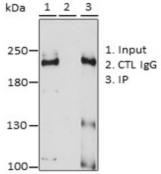
IP (1:50 - 1:200) IF (1:50 - 1:200) IHC (not tested)

Note: Antibody dilution should be optimized by users.

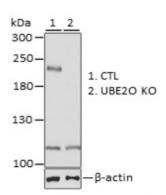
Images:



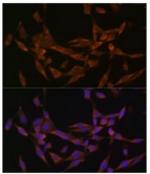
Immunoblotting 25 µg whole cell extracts of various cell lines using UBE2O antibody (Y3382) at 1:1,000 dilution.



Immunoprecipitation of 200 µg A-431 cell extracts using 3 µg UBE2O antibody (Y3382). Immunoboltting: same antibody at 1:1,000 dilution.



Immunoblotting 25 µg whole cell extracts of normal (control) and UBE2O knockout (KO) HeLa cells using UBE2O antibody (Y3382) at 1:1000 dilution.



Immunofluorescence of HeLa cells using UBE2O antibody (Y3382) at 1:100 dilution. Blue: DAPI nuclear staining.





Purification: Protein A or G affinity purification

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Storage: Store at -20°C. Centrifuge to maximize product recovery.

Background: UBE2O is a E2/E3 hybrid ubiquitin-protein ligase that displays both E2 and E3 ligase activities and

mediates monoubiquitination of target proteins. Negatively regulates TRAF6-mediated NF-kappa-

B activation independently of its E2 activity.

Reference: 1. Yokota T, et al. (2001) Gene 267, 95 - 100.

2. Zhang X, et al. (2013) EMBO J 32, 996 - 1007.

3. Mashtalir N, et al. (2014) Mol Cell 54, 392 - 406.

Note: This product is for research use only.

