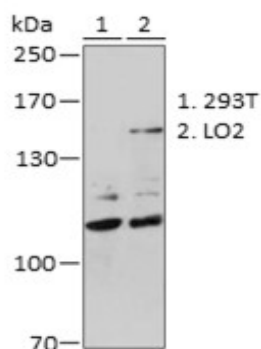
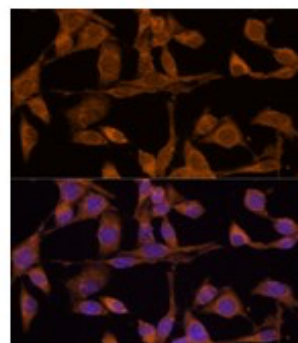


Product Name: USP15 Rabbit pAb
Catalog #: Y9552-20; Y9552-100
Also Known As: USP15; UNPH-2; UNPH4
Quantity: 20 µl for Y9552-20; 100 µl for Y9552-100
Concentration: See labels on tube
Host Species: Rabbit
Isotype: IgG
Reactivity: Human, Mouse
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 852-952 of human USP15 (NP_006304.1).
Swiss Prot. #: Q9Y4E8
Calculated MW: 112 kDa
Detected MW: 112 kDa
Applications: WB (1:500 - 1:2,000)
 IF (1:50 - 1:100)
 IP (not tested)
 IHC (not tested)
 Note: Antibody dilution should be optimized by users.

Images:



Immunoblotting 25 µg whole cell extracts of various cell lines using USP15 antibody (Y9552) at 1:1,000 dilution.



Immunofluorescence of HeLa cells using USP15 antibody (Y9552) 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: USP15 is a member of the USP subfamily of DUBs. DUBs are categorized into 5 subfamilies: USP, UCH, OTU, MJD, and JAMM. USP15 is a positive regulator of oncogenic TGF-β signaling and that USP15 deubiquitinates monoubiquitinated R-SMADs to enhance target gene promoter binding. USP15 also promotes oncogenic TGF-β signaling by opposing SMURF2-mediated ubiquitination of the type I TGF-β receptor, which facilitates receptor stabilization.
Reference: 1. Nagase T, et al. (1998) DNA Res 5, 31 - 39.
 2. Inui M, et al. (2011) Nat Cell Biol 13, 1368 - 1375.
Note: This product is for research use only.