
Product Name: KD-Validated Ubiquitin specific peptidase 13 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01279**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 97.3kDa

Antigen Information

Gene Name	USP13 USP13; Ubiquitin Specific Peptidase 13; Ubiquitin Specific Protease 13 (Isopeptidase T-3); Ubiquitin-Specific-Processing Protease 13; Ubiquitin Carboxyl-Terminal Hydrolase 13;
Alternative Names	Deubiquitinating Enzyme 13; Ubiquitin Thioesterase 13; Isopeptidase T-3; IsoT-3; ISOT-3; ISOT3; Ubiquitin Specific Peptidase 13 (Isopeptidase T-3); Ubiquitin Thiolesterase 13; EC 3.4.19.12; EC 3.1.2.15
Gene ID	8975.0
SwissProt ID	Q92995
Immunogen	A synthesized peptide derived from human USP13

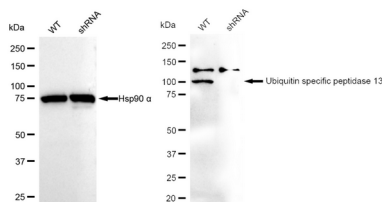
Background

Enables several functions, including BAT3 complex binding activity; peptidase activity; and proteasome binding activity. Involved in several processes, including maintenance of unfolded protein; regulation of DNA-templated transcription; and regulation of catabolic process. Acts upstream of or within protein deubiquitination and protein stabilization. Predicted to be located in nucleoplasm. Predicted to be active in cytosol and nucleus. [provided by Alliance of Genome Resources, Apr 2025]

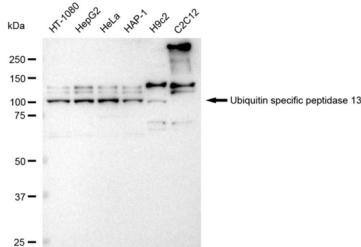
Research Area

Epigenetics and Nuclear Signaling, Cell Biology

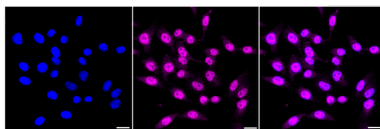
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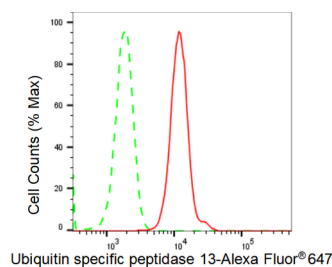
Western blotting analysis using ubiquitin specific peptidase 13 antibody (KVA01279). Ubiquitin specific peptidase 13 expression in wild type (WT) and ubiquitin specific peptidase 13 (USP13) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ubiquitin specific peptidase 13 antibody (KVA01279, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using ubiquitin specific peptidase 13 antibody (KVA01279). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ubiquitin specific peptidase 13 antibody (KVA01279, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Ubiquitin specific peptidase 13 antibody (KVA01279, 1:1,000). Nuclei were stained blue with DAPI; Ubiquitin specific peptidase 13 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.



Flow cytometric analysis of Ubiquitin specific peptidase 13 expression in HepG2 cells using Ubiquitin specific peptidase 13 antibody (KVA01279, 1:2,000). Green, isotype control; red, Ubiquitin specific peptidase 13.