

Product Name: KD-Validated Ubiquitin Specific Peptidase 39 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA00900

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC,IHC-P
Reactivity	Human,Mouse,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; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 65.4kDa

Antigen Information

Gene Name	USP39
Alternative Names	USP39; Ubiquitin Specific Peptidase 39; SNRNP65; CGI-21; SAD1; Small Nuclear Ribonucleoprotein 65kDa (U4/U6.U5); U4/U6.U5 Tri-SnRNP-Associated 65 KDa Protein; Ubiquitin Carboxyl-Terminal Hydrolase 39; Ubiquitin Specific Protease 39; SAD1 Homolog; SnRNP Assembly Defective 1 Homolog (S. Cerevisiae); Inactive Ubiquitin-Specific Peptidase 39; U4/U6.U5 Tri-SnRNP-Associated Protein; SnRNP Assembly Defective 1 Homolog; EC 3.4.19.12; HSPC332; 65K
Gene ID	10713.0
SwissProt ID	Q53GS9
Immunogen	A synthesized peptide derived from human USP39

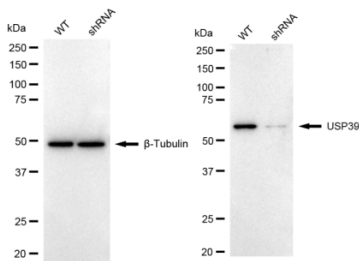
Background

Predicted to enable cysteine-type deubiquitinase activity and zinc ion binding activity. Involved in spliceosomal complex assembly. Located in nucleoplasm. Part of U4/U6 x U5 tri-snRNP complex. [provided by Alliance of Genome Resources, Jul 2025]

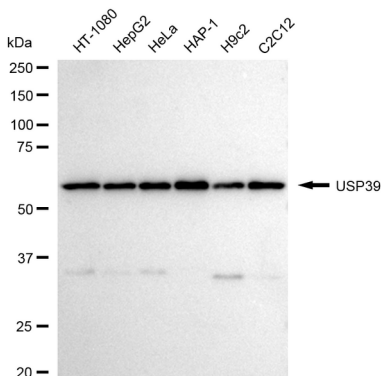
Research Area

Epigenetics and Nuclear Signaling

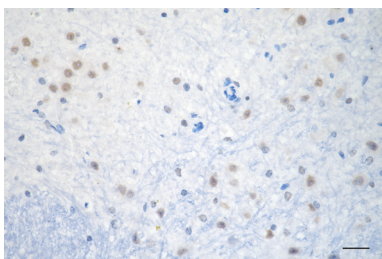
Image Data



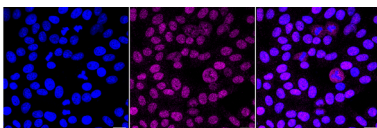
Western blotting analysis using USP39 antibody (KVA00900). USP39 expression in wild type (WT) and USP39 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with USP39 antibody (KVA00900, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



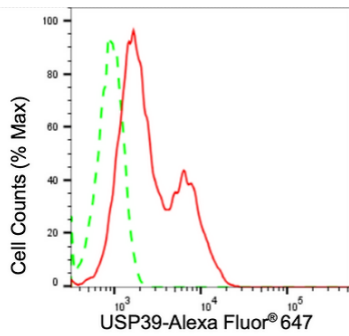
Western blotting analysis using USP39 antibody (KVA00900). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with USP39 antibody (KVA00900, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunohistochemistry was performed on paraffin-embedded mouse brain using USP39 antibody (KVA00900, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



Immunocytochemical staining of HepG2 cells with USP39 antibody (KVA00900, 1:1,000). Nuclei were stained blue with DAPI; USP39 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 USP39 expression in HepG2 cells using USP39 antibody (KVA00900, 1:2,000). Green, isotype control; red, USP39.