
Product Name: KD-Validated Ubiquitin Specific Peptidase 39 Recombinant Rabbit Monoclonal Antibody**Catalog #: KOVAb00895**

For research use only.

Summary

Description	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

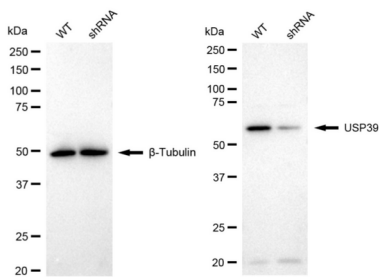
Background

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]

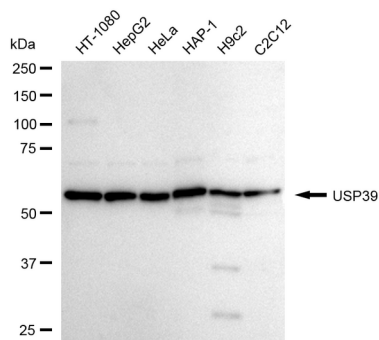
Research Area

Epigenetics and Nuclear Signaling

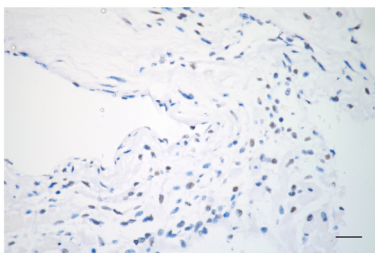
Image Data



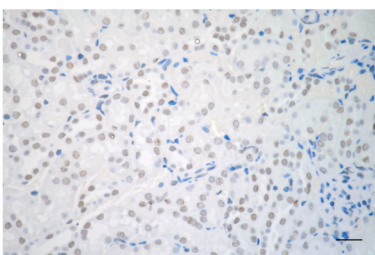
Western blotting analysis using USP39 antibody (KOVAb00895). USP39 expression in wild type (WT) and USP39 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with USP39 antibody (KOVAb00895, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



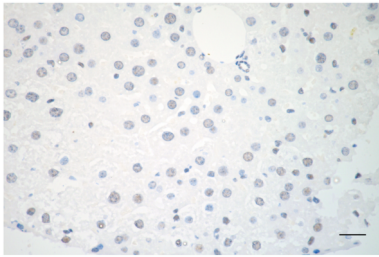
Western blotting analysis using USP39 antibody (KOVAb00895). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with USP39 antibody (KOVAb00895, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



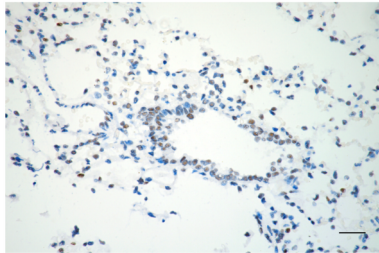
Immunohistochemistry was performed on paraffin-embedded mouse heart using USP39 antibody (KOVAb00895, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40 \times objective). Scale bar: 25 μ m.



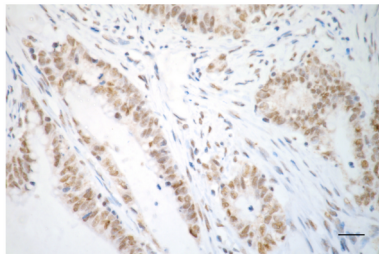
Immunohistochemistry was performed on paraffin-embedded mouse kidney using USP39 antibody (KOVAb00895, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40 \times objective). Scale bar: 25 μ m.



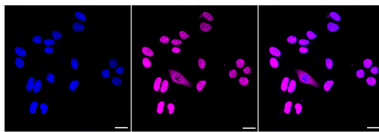
Immunohistochemistry was performed on paraffin-embedded mouse brain using USP39 antibody (KOVA00895, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 μm.



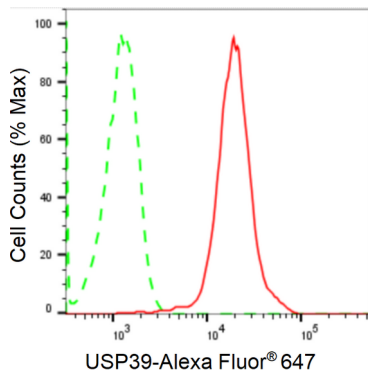
Immunohistochemistry was performed on paraffin-embedded mouse lung using USP39 antibody (KOVA00895, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 μm.



Immunohistochemistry was performed on paraffin-embedded human sigmoid colon carcinoma using USP39 antibody (KOVA00895, 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 (KOVA00895, 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 (KOVA00895, 1:2,000). Green, isotype control; red, USP39.