Anti-USP39 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014523

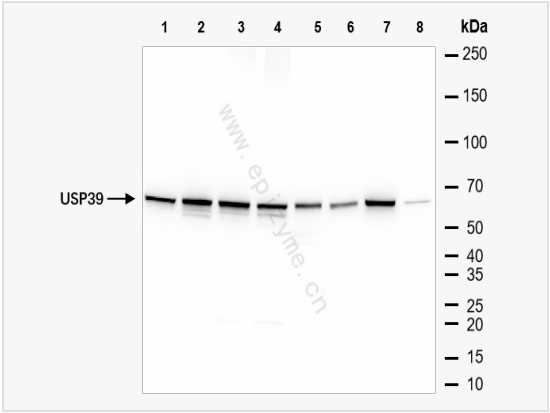
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	14I26K30
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human USP39
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-USP39 Rabbit mAb [14I26K30] is for research use only and not for use in diagnostic or therapeutic procedures.

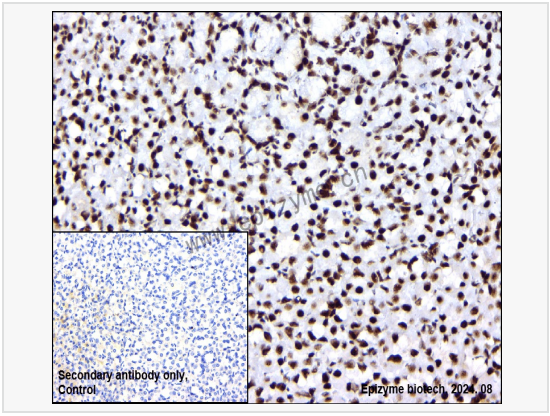
Protein Information

Synonyms	65K, CGI 21, CGI-21, FLJ33136, HSPC332, Inactive ubiquitin specific peptidase 39, Inactive ubiquitin-specific peptidase 39, MGC75069, PRO2855, S. CEREVISIAE, HOMOLOG OF SAD1, SAD1, SAD1 homolog, Small nuclear ribonucleoprotein 65kDa (U4/U6.U5), snRNP ASSEMBLY DEFECTIVE 1, SnRNP assembly defective 1 homolog, SNRNP65, SNUT2_HUMAN, U4/U6.U5 tri snRNP associated 65 kDa protein, U4/U6.U5 tri snRNP associated protein 2, U4/U6.U5 tri-snRNP-associated 65 kDa protein, U4/U6.U5 tri-snRNP-associated protein 2, Ubiquitin specific peptidase 39, Ubiquitin specific protease 39, USP39.
Calculated MW	Calculated MW: 65 kDa; Observed MW: 65 kDa
Uniprot ID	Q53GS9
Gene ID	10713
Background	May play a role in mRNA splicing. It is unsure if the protein really exhibits hydrolase activity. Could be a competitor of ubiquitin C-terminal hydrolases (UCHs).
Cellular Location	Nucleus.

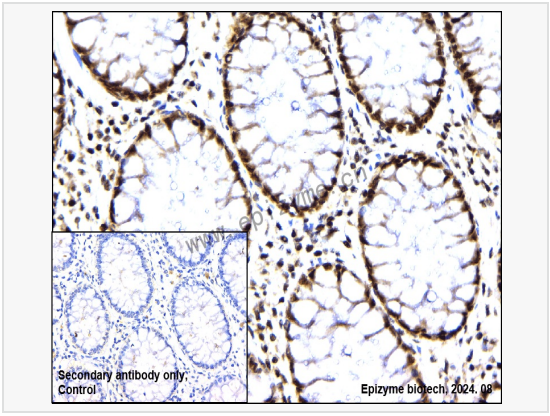
Validation Images



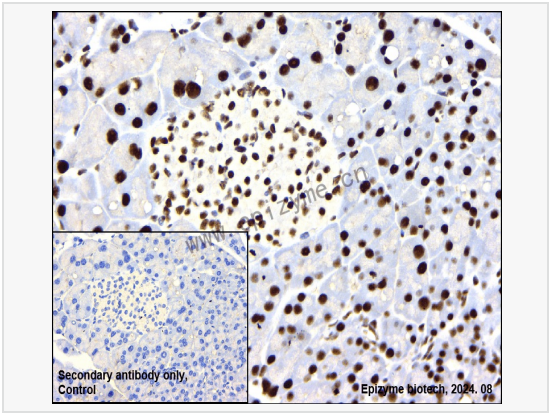
Western Blot - Anti-USP39 Rabbit mAb [14I26K30]
All lanes: R014523 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 6: Mouse heart whole tissue lysates
Lane 7: Mouse brain whole tissue lysates
Lane 8: Mouse muscle whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 65 kDa
Observed band size: 65 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-USP39 Rabbit mAb [14I26K30]
Sample: Paraformaldehyde-fixed, paraffin embedded rat stomach tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014523 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-USP39 Rabbit mAb [14I26K30]
Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014523 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-USP39 Rabbit mAb [14I26K30]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse pancreas tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014523 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.