

USP10 Rabbit mAb

Catalog No: #49700

Package Size: #49700-1 50ul #49700-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

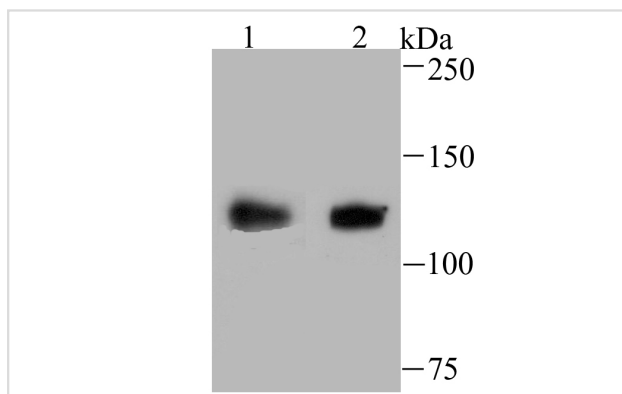
Description

Product Name	USP10 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU32-62
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	Deubiquitinating enzyme 10 antibody KIAA0190 antibody MGC124997 antibody MGC2621 antibody Ubiquitin carboxyl terminal hydrolase 10 antibody Ubiquitin carboxyl-terminal hydrolase 10 antibody Ubiquitin specific peptidase 10 antibody Ubiquitin specific processing protease 10 antibody Ubiquitin specific protease 10 antibody Ubiquitin thioesterase 10 antibody Ubiquitin thiolesterase 10 antibody Ubiquitin-specific-processing protease 10 antibody UBP10_HUMAN antibody UBPO antibody USP 10 antibody USP10 antibody
Accession No.	Swiss-Prot#:Q14694
Uniprot	Q14694
GeneID	9100;
Calculated MW	110 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

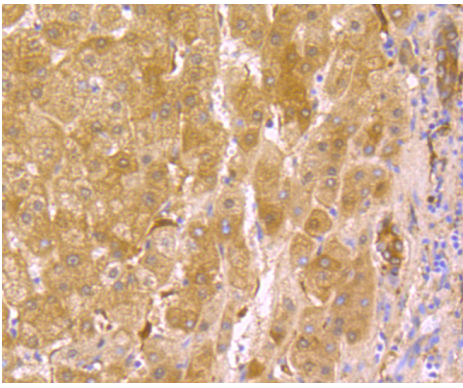
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200

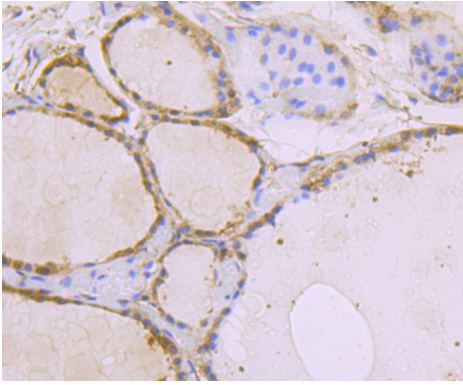
Images



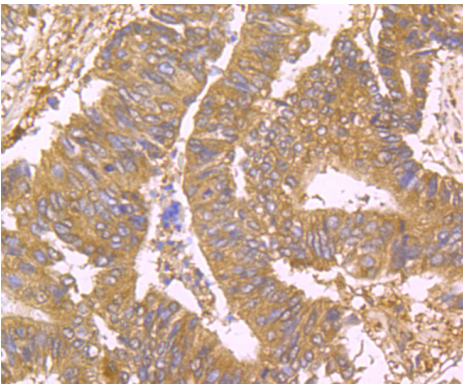
Western blot analysis of USP10 on SiHa (1) and A549 (2) cell lysate using anti-USP10 antibody at 1/500 dilution.



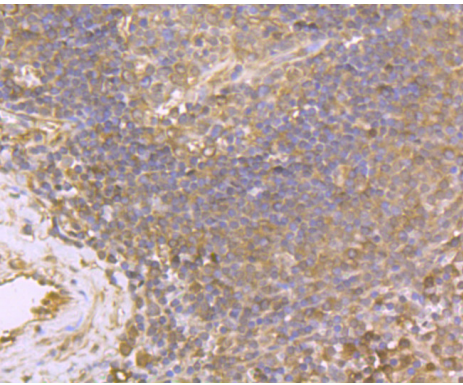
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-USP10 antibody. Counter stained with hematoxylin.



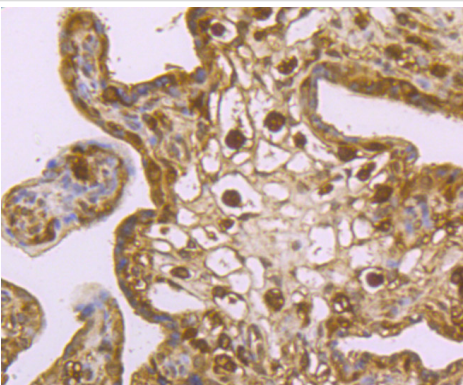
Immunohistochemical analysis of paraffin-embedded human thyroid gland tissue using anti-USP10 antibody. Counter stained with hematoxylin.



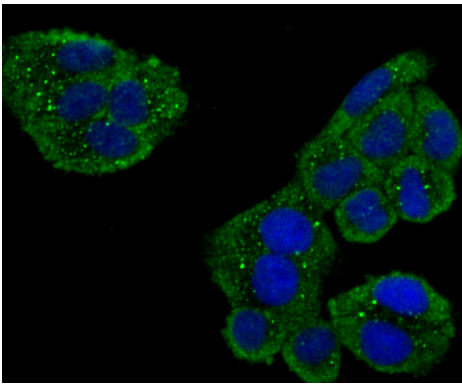
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-USP10 antibody. Counter stained with hematoxylin.



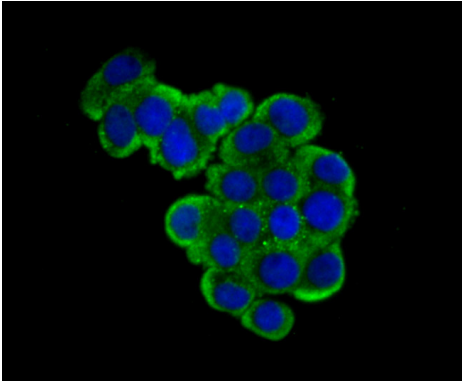
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-USP10 antibody. Counter stained with hematoxylin.



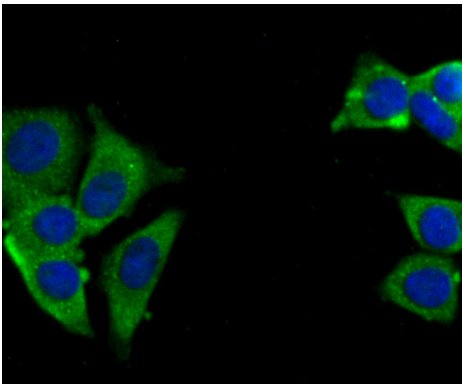
Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-USP10 antibody. Counter stained with hematoxylin.



ICC staining USP10 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining USP10 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining USP10 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP10 (ubiquitin specific peptidase 10), also known as UBPO, is a 798 amino acid protein that belongs to the ubiquitin-specific protease family of cysteine proteases. Expressed in a variety of tissues, USP10 functions to catalyze the cleavage of ubiquitin from ubiquitin-conjugated protein substrates, possibly playing a role in the activity of the DNA-bound androgen receptor complex.

References

Note: This product is for in vitro research use only