

Mouse USP10 Monoclonal Antibody | anti-USP10 antibody

USP10 antibody

CATALOG # AAA107061	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

USP10; Monoclonal Antibody; USP10 antibody; Monoclonal USP10; Anti-USP10; Ubiquitin specific peptidase 10; KIAA0190; UBPO; Ubiquitin specific protease 10; Deubiquitinating enzyme 10; Ubiquitin thiolesterase 10; USP 10; USP-10; anti-USP10 antibody

PRODUCT SPECIFICATIONS

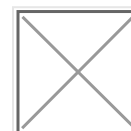
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2 E1
Purity/Purification	USP10 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	798
Applicable Applications for anti-USP10 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Ubiquitin is a highly conserved protein that is covalently linked to other proteins to regulate their function and degradation. This gene encodes a member of the ubiquitin-specific protease family of cysteine proteases. The enzyme specifically cleaves ubiquitin from ubiquitin-conjugated protein substrates. The protein is found in the nucleus and cytoplasm. It functions as a co-factor of the DNA-bound androgen receptor complex, and is inhibited by a protein in the Ras-GTPase pathway. The human genome contains several pseudogenes similar to this gene.
Cross-Reactivity	Human
Immunogen	USP10 antibody was raised in mouse using a full length recombinant protein of human USP10 (NP_005144) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant USP10 protein using USP10 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of USP10 protein in paraffin embedded Human pancreas tissue using USP10 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant USP10 protein (Right) or empty vector (Left) detected with USP10 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-USP10 antibody	Mouse monoclonal USP10 antibody
Product Categories/Family for anti-USP10 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	119220605
NCBI GeneID	9100
NCBI Accession #	NP_005144
NCBI GenBank Nucleotide #	NM_005153.2
UniProt Accession #	Q14694 ; Q9BWG7 ; Q9NSL7 ; B2RDJ8 ; B4DS84
Molecular Weight	87,533 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 10 isoform 2
NCBI Official Synonym Full Names	ubiquitin specific peptidase 10
NCBI Official Symbol	USP10
NCBI Official Synonym Symbols	UBPO
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 10
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 10
UniProt Gene Name	USP10
UniProt Synonym Gene Names	KIAA0190
UniProt Entry Name	UBP10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/usp10-antibody-clone-2-e1-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107061>