

Rabbit anti-Human, Mouse USP25 Polyclonal Antibody | anti-USP25 antibody

USP25 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40550	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

USP25; Polyclonal Antibody; USP25 Antibody; USP21; Ubiquitin carboxyl-terminal hydrolase 25; Deubiquitinating enzyme 25; ubiquitin specific peptidase 25; anti-USP25 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	USP25 antibody is human and mouse reactive. Multiple isoforms of USP25 are known to exist.
Purity/Purification	USP25 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1055
Applicable Applications for anti-USP25 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	USP25 antibody was raised against a 17 amino acid peptide near the center of human USP25.
Buffer	USP25 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	USP25 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



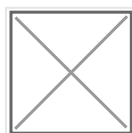
IF (Immunofluorescence)

Immunofluorescence of USP25 in human brain tissue with USP25 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of USP25 in human brain tissue with USP25 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of USP25 in mouse brain tissue lysate with USP25 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-USP25 antibody	USP25 (ubiquitin specific peptidase 25), also known as USP21, belongs to the peptidase C19 family and is a highly conserved 76-amino acid protein involved in regulation of intracellular protein breakdown, cell cycle regulation, and stress response (1). It contains one UBA-like domain and two UIM (ubiquitin-interacting motif) repeats. Due to alternative splicing events, USP25 is expressed as two short, ubiquitously expressed isoforms and one long, muscle-specific isoform (2). The long isoform of USP25 (USP25m) is upregulated in myogenesis and is implicated in regulation of muscular differentiation and function. USP25 is a deubiquitinating enzyme (DUB) that negatively regulates IL-17-triggered signaling (3,4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50312666
NCBI GeneID	29761
NCBI Accession #	NP_037528
NCBI GenBank Nucleotide #	NM_013396.4
UniProt Accession #	Q9UHP3; Q6DHZ9; Q9H9W1; C0LSZ0
Molecular Weight	Predicted: 116 kDa Observed: 105 kDa
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 25 isoform USP25a
NCBI Official Synonym Full Names	ubiquitin specific peptidase 25
NCBI Official Symbol	USP25
NCBI Official Synonym Symbols	USP21
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 25; USP on chromosome 21; ubiquitin thioesterase 25; deubiquitinating enzyme 25; ubiquitin thiolesterase 25; ubiquitin-specific processing protease 25
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 25
UniProt Gene Name	USP25
UniProt Synonym Gene Names	USP21
UniProt Entry Name	UBP25_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/polyclonal/usp25-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40550>