

Rabbit USP30 Polyclonal Antibody | anti-USP30 antibody

USP30 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325232	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Western Blot

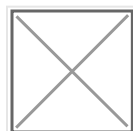
PRODUCT SYNONYMS

USP30; Polyclonal Antibody; USP30 Antibody; Deubiquitinating enzyme 30; FLJ40511; Ub-specific protease 30; Ubiquitin carboxyl terminal hydrolase 30; Ubiquitin carboxyl-terminal hydrolase 30; Ubiquitin specific peptidase 30; Ubiquitin specific processing protease 30; Ubiquitin thioesterase 30; Ubiquitin thiolesterase 30; Ubiquitin-specific-processing protease 30; UBP30_HUMAN; usp30; anti-USP30 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	USP30 antibody detects endogenous levels of total USP30
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	486
Applicable Applications for anti-USP30 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human USP30, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325232 at 1/100 staining Rat muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from rat brain, using USP30 Antibody.



IF (Immunofluorescence)

AAA325232 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using USP30 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-USP30 antibody

Description: Deubiquitinating enzyme tethered to the mitochondrial outer membrane that acts as a key inhibitor of mitophagy by counteracting the action of parkin (PRKN): hydrolyzes ubiquitin attached by parkin on target proteins, such as RHOT1/MIRO1 and TOMM20, thereby blocking parkin's ability to drive mitophagy (PubMed:18287522, PubMed:24896179, PubMed:25527291, PubMed:25621951). Preferentially cleaves 'Lys-6'- and 'Lys-11'-linked polyubiquitin chains, 2 types of linkage that participate to mitophagic signaling (PubMed:25621951). Does not cleave efficiently polyubiquitin phosphorylated at 'Ser-65' (PubMed:25527291). Acts as negative regulator of mitochondrial fusion by mediating deubiquitination of MFN1 and MFN2 (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	667667715
NCBI GeneID	84749
NCBI Accession #	NP_001288104.1
NCBI GenBank Nucleotide #	NM_001301175.1
UniProt Accession #	Q70CQ3; Q8WTU7; Q96JX4; Q9BSS3
Molecular Weight	60 KD
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 30 isoform 2
NCBI Official Synonym Full Names	ubiquitin specific peptidase 30
NCBI Official Symbol	USP30
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 30
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 30
UniProt Gene Name	USP30
UniProt Synonym Gene Names	Ub-specific protease 30

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/usp30-antibody-immunohistochemistry-immunocytochemistry-immunofluorescence-western-blot-elisa/325232>