

Rabbit USP45 Polyclonal Antibody | anti-USP45 antibody

USP45 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325237	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

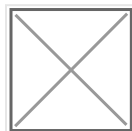
PRODUCT SYNONYMS

USP45; Polyclonal Antibody; USP45 Antibody; Deubiquitinating enzyme 45; Ubiquitin carboxyl-terminal hydrolase 45; Ubiquitin thiolesterase 45; Ubiquitin-specific-processing protease 45; UBP45_HUMAN; Usp45; anti-USP45 antibody

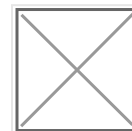
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	USP45 antibody detects endogenous levels of total USP45
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	814
Applicable Applications for anti-USP45 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Broadly expressed, with highest levels in ovary, skeletal muscle and spleen.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from 293, using USP45 Antibody. Lane 1 was treated with the blocking peptide.


WB (Western Blot)

Western blot analysis of extracts from A549 cells, using USP45 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325237 staining HepG2 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.

ADDITIONAL INFORMATION

Related Product Information for anti-USP45 antibody	Function: Thiol-dependent hydrolysis of ester, thioester, amide, peptide and isopeptide bonds formed by the C-terminal Gly of ubiquitin (a 76-residue protein attached to proteins as an intracellular targeting signal). Similarity: Belongs to the peptidase C19 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122937412
NCBI GeneID	85015
NCBI Accession #	NP_001073950.1
NCBI GenBank Nucleotide #	NM_001080481.1
UniProt Accession #	Q70EL2; Q5T062; Q86T44; Q86TC0; Q9BRU1; B2RXG0
Molecular Weight	Observed: 90 kD Predicted: 92 kDa
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 45 isoform a
NCBI Official Synonym Full Names	ubiquitin specific peptidase 45
NCBI Official Symbol	USP45
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 45
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 45
UniProt Gene Name	USP45

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/usp45-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325237>