

Rabbit USP11 Polyclonal Antibody | anti-USP11 antibody

USP11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325228	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

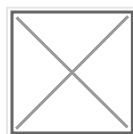
PRODUCT SYNONYMS

USP11; Polyclonal Antibody; USP11 Antibody; Deubiquitinating enzyme 11; Ubiquitin carboxyl-terminal hydrolase 11; Ubiquitin carboxyl-terminal hydrolase X linked; ubiquitin specific peptidase 11; Ubiquitin specific protease 11; Ubiquitin thiolesterase 11; Ubiquitin-specific-processing protease 11; UBP11_HUMAN; UHX1; anti-USP11 antibody

PRODUCT SPECIFICATIONS

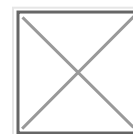
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	USP11 antibody detects endogenous levels of total USP11
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	963
Applicable Applications for anti-USP11 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Predicted Cross Reactivity	Rabbit
Similarity	Rabbit (85%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325228 staining 293 cells 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) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells, using USP11 antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using USP11 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-USP11 antibody	Function: Protease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains (PubMed:12084015, PubMed:15314155, PubMed:17897950, PubMed:19874889, PubMed:20233726, PubMed:24724799). Inhibits the degradation of target proteins by the proteasome (PubMed:12084015). Cleaves preferentially 'Lys-6' and 'Lys-63'-linked ubiquitin chains. Has lower activity with 'Lys-11' and 'Lys-33'-linked ubiquitin chains, and extremely low activity with 'Lys-27', 'Lys-29' and 'Lys-48'-linked ubiquitin chains (in vitro) (PubMed:24724799). Plays a role in the regulation of pathways leading to NF-kappa-B activation (PubMed:17897950, PubMed:19874889). Plays a role in the regulation of DNA repair after double-stranded DNA breaks (PubMed:15314155, PubMed:20233726). Acts as a chromatin regulator via its association with the Polycomb group (PcG) multiprotein PRC1-like complex; may act by deubiquitinating components of the PRC1-like complex (PubMed:20601937). Subunit Structure: Monomer (PubMed:24724799). Interacts with RANBP9/RANBPM (PubMed:12084015). Interacts with BRCA2 (PubMed:15314155). Interacts with CHUK/IKKA (PubMed:17897950). Interacts with NFKBIA (PubMed:19874889). Associated component of the Polycomb group (PcG) multiprotein PRC1-like complex (PubMed:20601937). Similarity: Belongs to the peptidase C19 family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234683
NCBI GeneID	8237
NCBI Accession #	NP_004642.2
NCBI GenBank Nucleotide #	NM_004651.3
UniProt Accession #	P51784; Q8IUG6; Q9BWE1; B2RTX1
Molecular Weight	Observed: 109 kD Predicted: 110 kDa
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 11
NCBI Official Synonym Full Names	ubiquitin specific peptidase 11
NCBI Official Symbol	USP11
NCBI Official Synonym Symbols	UHX1
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 11
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 11
UniProt Gene Name	USP11
UniProt Synonym Gene Names	UHX1

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.