

Rabbit USP46 Polyclonal Antibody | anti-USP46 antibody

USP46 Antibody

CATALOG # AAA328211	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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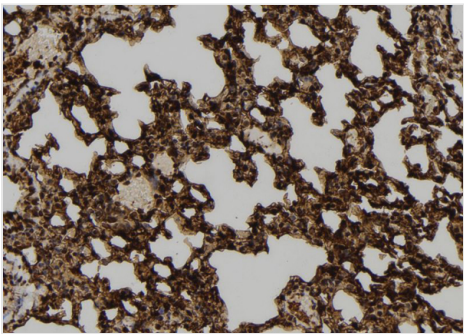
PRODUCT SYNONYMS

USP46; Polyclonal Antibody; USP46 Antibody; Deubiquitinating enzyme 46; FLJ11850; FLJ12552; FLJ14283; FLJ39393; Ubiquitin carboxyl terminal hydrolase 46; Ubiquitin carboxyl-terminal hydrolase 46; Ubiquitin specific peptidase 46; Ubiquitin specific processing protease 46; Ubiquitin specific protease 46; Ubiquitin thioesterase 46; Ubiquitin thiolesterase 46; Ubiquitin-specific-processing protease 46; UBP46_HUMAN; anti-USP46 antibody

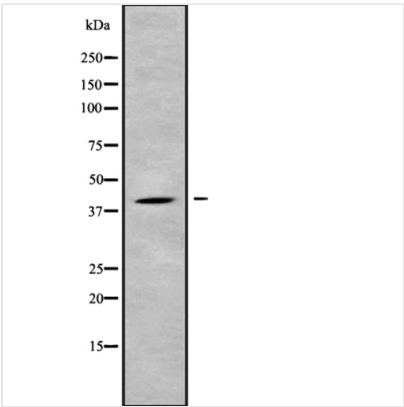
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	USP46 antibody detects endogenous levels of total USP46
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	359
Applicable Applications for anti-USP46 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human USP46
Tissue Specificity	Broadly expressed.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (100%), Zebrafish (80%), Bovine (100%), Horse (92%), Sheep (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328211 at 1/100 staining Mouse lung 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis USP46 using HT29 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-USP46 antibody	Function: Deubiquitinating enzyme that plays a role in behavior, possibly by regulating GABA action. May act by mediating the deubiquitination of GAD1/GAD67 (By similarity). Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity (PubMed:19075014, PubMed:26388029). Not involved in deubiquitination of monoubiquitinated FANCD2 (PubMed:19075014). Subunit Structure: Interacts with WDR48 (PubMed:19075014, PubMed:26388029). Interacts with WDR20 (PubMed:20147737). Similarity: Belongs to the peptidase C19 family. USP12/USP46 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197116355
NCBI GeneID	64854
NCBI Accession #	NP_001127695.1
NCBI GenBank Nucleotide #	NM_001134223.1
UniProt Accession #	P62068; Q80V95; Q9H7U4; Q9H9T8; B7Z3Y7; B7Z675; B7Z7S3; G8ACC7
Molecular Weight	Observed: 42 kDa Predicted: 43 kDa
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 46 isoform 2
NCBI Official Synonym Full Names	ubiquitin specific peptidase 46
NCBI Official Symbol	USP46
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 46
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 46
UniProt Gene Name	USP46

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.