Rabbit anti-Human USP46 Polyclonal Antibody | anti-USP46 antibody

Anti-USP46 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255618	**Rabbit**	**Human**	**Immunohistochemistry, ELISA**

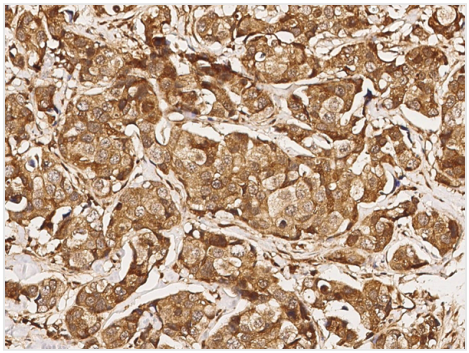
PRODUCT SYNONYMS

USP46; Polyclonal Antibody; Anti-USP46 Antibody; Rabbit Polyclonal; USP46 Antibody; Rabbit PAb; Antigen Affinity Purified; ubiquitin specific peptidase 46; anti-USP46 antibody

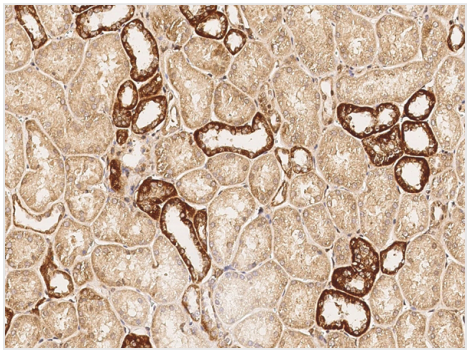
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human USP46
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-USP46 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human USP46 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human USP46 (rh USP46). USP46 specific IgG was purified by Human USP46 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunochemical staining of human USP46 in human breast carcinoma with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human USP46 in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-USP46 antibody	USP46 belongs to the peptidase C19 family, USP12/USP46 subfamily. Deubiquitinating enzymes (DUBs) are a large group of proteases which are also commonly referred to as deubiquitinating peptidases, deubiquitinating isopeptidases, deubiquitinases, ubiquitin proteases, ubiquitin hydrolyases, ubiquitin isopeptidases, or Dubs. They regulate ubiquitin-dependent metabolic pathways by cleaving ubiquitin-protein bonds. They also may act as negative and positive regulators of the ubiquitin system. Besides ubiquitin recycling, they are also involved in processing of ubiquitin precursors, in proofreading of protein ubiquitination and in disassembly of inhibitory ubiquitin chains. USP46 is a deubiquitinating enzyme that plays a role in behavior, possibly by regulating GABA action. It may act by mediating the deubiquitination of GAD1/GAD67. USP46 has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have high activity and it is not involved in deubiquitination of monoubiquitinated FANCD2.
References	Joo HY, et al. (2011) Regulation of histone H2A and H2B deubiquitination and Xenopus development by USP12 and USP46. J Biol Chem. 286(9):7190-201.Kushima I, et al. (2010) Association study of ubiquitin-specific peptidase 46 (USP46) with bipolar disorder and schizophrenia in a Japanese population. J Hum Genet. 55(3):133-6.Cohn MA, et al. (2009) UAF1 is a subunit of multiple deubiquitinating enzyme complexes. J Biol Chem. 284(8):5343-51.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29243896
NCBI GeneID	69727
NCBI Accession #	NP_808229.1
NCBI GenBank Nucleotide #	NM_177561.3
UniProt Accession #	P62069; Q3ULU5; Q80V95; Q9H7U4; Q9H9T8
Molecular Weight	42,442 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 46
NCBI Official Synonym Full Names	ubiquitin specific peptidase 46
NCBI Official Symbol	Usp46
NCBI Official Synonym Symbols	AI451644; 1190009E20Rik; 2410018I08Rik
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 46; ubiquitin thioesterase 46; deubiquitinating enzyme 46; ubiquitin thiolesterase 46; ubiquitin specific protease 46; ubiquitin-specific-processing protease 46
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 46
UniProt Gene Name	**Usp46**
UniProt Entry Name	UBP46_MOUSE

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/usp46-antibody-immunohistochemistry-elisa/255618