

Rabbit USP8 Polyclonal Antibody | anti-USP8 antibody

USP8 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200918	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

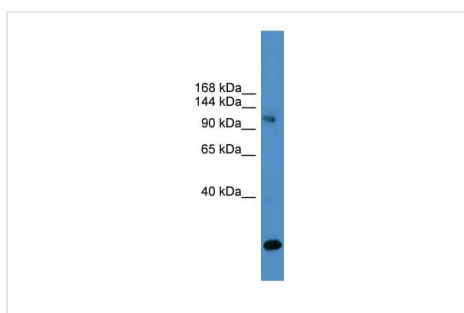
PRODUCT SYNONYMS

USP8; Polyclonal Antibody; USP8 antibody - C-terminal region; anti-USP8 antibody

PRODUCT SPECIFICATIONS

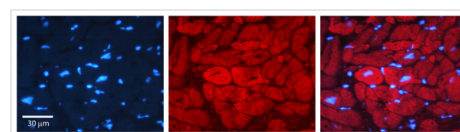
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: FA GYSQQDSQEL LLFLMDGLHE DLNKADNRKR YKEENNDHLD DFKAEEHA
Sequence Length	1118
Applicable Applications for anti-USP8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 93%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human USP8
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-USP8 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: 293T cell lysate
 USP8 is supported by BioGPS gene expression data to be expressed in HEK293T



IHC (Immunohistochemistry)

Rabbit Anti-USP8 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Tissue
 Observed Staining: Cytoplasmic
 Primary Antibody Concentration: 1:1000
 Other Working Concentrations: N/A
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-USP8 antibody	This is a rabbit polyclonal antibody against USP8. It was validated on Western Blot Target Description: USP8 is a hydrolase that can remove conjugated ubiquitin from proteins and therefore plays an important regulatory role at the level of protein turnover by preventing degradation. USP8 converts both 'Lys-48' and 'Lys-63'-linked ubiquitin chains. USP8 catalytic activity is enhanced in the M phase. USP8 is involved in cell proliferation. USP8 is required to enter into S phase in response to serum stimulation. USP8 may regulate T-cell anergy mediated by RNF128 via the formation of a complex containing RNF128 and OTUB1. USP8 probably regulates the stability of STAM2 and RASGRF1. USP8 regulates endosomal ubiquitin dynamics, cargo sorting, membrane traffic at early endosomes, and maintenance of ESCRT-0 stability. The level of protein ubiquitination on endosomes is essential for maintaining the morphology of the organelle. USP8 deubiquitinates EPS15 and controls tyrosine kinase stability. USP8 removes conjugated ubiquitin from EGFR thus regulating EGFR degradation and downstream MAPK signaling. USP8 is involved in acrosome biogenesis through interaction with the spermatid ESCRT-0 complex and microtubules.
Product Categories/Family for anti-USP8 antibody	Polyclonal; Cell Biology; E3 & Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	190684690
NCBI GeneID	9101
NCBI Accession #	NP_005145
NCBI GenBank Nucleotide #	NM_005154
UniProt Accession #	P40818
Molecular Weight	127kDa
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 8 isoform a
NCBI Official Synonym Full Names	ubiquitin specific peptidase 8
NCBI Official Symbol	USP8
NCBI Official Synonym Symbols	UBPY; PITA4; SPG59; HumORF8
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 8
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 8
UniProt Gene Name	USP8
UniProt Synonym Gene Names	KIAA0055; UBPY; hUBPy

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/usp8-antibody-immunohistochemistry-western-blot-elisa/200918>