

Rabbit anti-Human USP6 Polyclonal Antibody | anti-USP6 antibody

USP6 Antibody (C-term)

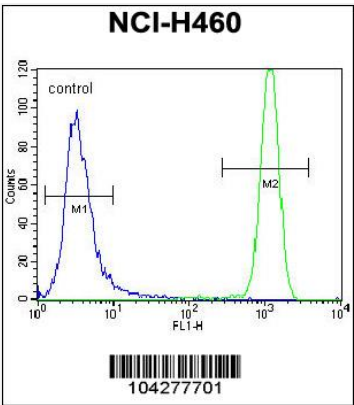
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288561	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

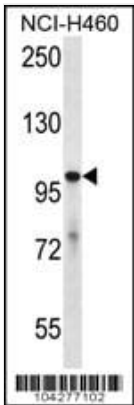
USP6; Polyclonal Antibody; USP6 Antibody (C-term); Ubiquitin carboxyl-terminal hydrolase 6; Deubiquitinating enzyme 6; Proto-oncogene TRE-2; Ubiquitin thioesterase 6; Ubiquitin-specific-processing protease 6; HRP1; TRE2; anti-USP6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This USP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1280-1310 amino acids from the C-terminal region of human USP6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.44 (varies by lot)
Sequence Positions	1280-1310
Sequence Length	1406
Applicable Applications for anti-USP6 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
USP6 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
USP6 Antibody (E978) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the USP6 antibody detected the USP6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-USP6 antibody	Modification of target proteins by ubiquitin participates in a wide array of biological functions. Proteins destined for degradation or processing via the 26 S proteasome are coupled to multiple copies of ubiquitin. However, attachment of ubiquitin or ubiquitin-related molecules may also result in changes in subcellular distribution or modification of protein activity. An additional level of ubiquitin regulation, deubiquitination, is catalyzed by proteases called deubiquitinating enzymes, which fall into four distinct families. Ubiquitin C-terminal hydrolases, ubiquitin-specific processing proteases (USPs), 1 OTU-domain ubiquitin-aldehyde-binding proteins, and Jab1/Pad1/MPN-domain-containing metallo-enzymes. Among these four families, USPs represent the most widespread and represented deubiquitinating enzymes across evolution. USPs tend to release ubiquitin from a conjugated protein. They display similar catalytic domains containing conserved Cys and His boxes but divergent N-terminal and occasionally C-terminal extensions, which are thought to function in substrate recognition, subcellular localization, and protein-protein interactions.
Product Categories/Family for anti-USP6 antibody	Cell Biology
References	Paulding, C.A., et al., Proc. Natl. Acad. Sci. U.S.A. 100(5):2507-2511 (2003). Papa, F.R., et al., Nature 366(6453):313-319 (1993). Nakamura, T., et al., Oncogene 7(4):733-741 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	109638751
NCBI GeneID	9098
NCBI Accession #	NP_004496.2
NCBI GenBank Nucleotide #	NM_004505.3
UniProt Accession #	P35125; Q15634; Q86WP6; Q8IWT4
Molecular Weight	158658
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 6
NCBI Official Synonym Full Names	ubiquitin specific peptidase 6
NCBI Official Symbol	USP6
NCBI Official Synonym Symbols	HRP1; TRE2; TRE17; Tre-2; TRESMCR; USP6-short
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 6
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 6

UniProt Gene Name	USP6
UniProt Synonym Gene Names	HRP1; TRE2
UniProt Entry Name	UBP6_HUMAN

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/usp6-antibody-flow-cytometry-western-blot-elisa/288561>