

Rabbit anti-Human, Rat USP16 Polyclonal Antibody | anti-USP16 antibody

Anti-USP16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125480	Rabbit	Human, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

USP16; Polyclonal Antibody; Anti-USP16 Antibody; Ubiquitin carboxyl-terminal hydrolase 16; Deubiquitinating enzyme 16; Ubiquitin thioesterase 16; Ubiquitin-processing protease UBP-M; Ubiquitin-specific-processing protease 16; MSTP039; anti-USP16 antibody

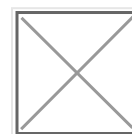
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	822
Applicable Applications for anti-USP16 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human USP16 recombinant protein (Position: K9-L823).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)



IF (Immunofluorescence)

ADDITIONAL INFORMATION

Related Product Information for anti-USP16 antibody	Description: Rabbit IgG polyclonal antibody for USP16 detection. Tested with WB, IHC-P, ICC/IF, FCM, Direct ELISA in Human;Rat. Background: Ubiquitin carboxyl-terminal hydrolase 16 is an enzyme that in humans is encoded by the USP16 gene. It is mapped to 21q21.3. This gene encodes a deubiquitinating enzyme that is phosphorylated at the onset of mitosis and then dephosphorylated at the metaphase/anaphase transition. It can deubiquitinate H2A, one of two major ubiquitinated proteins of chromatin, in vitro and a mutant form of the protein was shown to block cell division. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
References	1. Adorno, M., Sikandar, S., Mitra, S. S., Kuo, A., Nicolas Di Robilant, B., Haro-Acosta, V., Ouadah, Y., Quarta, M., Rodriguez, J., Qian, D., Reddy, V. M., Cheshier, S., Garner, C. C., Clarke, M. F. Usp16 contributes to somatic stem-cell defects in Down's syndrome. Nature 501: 380-384, 2013. 2. Cai, S.-Y., Babbitt, R. W., Marchesi, V. T. A mutant deubiquitinating enzyme (Ubp-M) associates with mitotic chromosomes and blocks cell division. Proc. Nat. Acad. Sci. 96: 2828-2833, 1999. 3. Joo, H.-Y., Zhai, L., Yang, C., Nie, S., Erdjument-Bromage, H., Tempst, P., Chang, C., Wang, H. Regulation of cell cycle progression and gene expression by H2A deubiquitination. Nature 449: 1068-1072, 2007.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50312664
NCBI GeneID	10600
NCBI Accession #	NP_001001992
NCBI GenBank Nucleotide #	NP_001001992.1
UniProt Accession #	Q9Y5T5
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 16 isoform b
NCBI Official Synonym Full Names	ubiquitin specific peptidase 16
NCBI Official Symbol	USP16
NCBI Official Synonym Symbols	UBPM; UBP-M
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 16
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 16
UniProt Gene Name	USP16
UniProt Entry Name	UBP16_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/usp16-antibody-direct-elisa-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/125480>