

Rabbit USP16 Polyclonal Antibody | anti-USP16 antibody

USP16 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199619	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

USP16; Polyclonal Antibody; USP16 antibody - N-terminal region; anti-USP16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A 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 region: CK TDNKVKDKAE EETEEKPSVW LCLKCGHQGC GRNSQEQHAL KHYLTPRS
Sequence Length	408
Applicable Applications for anti-USP16 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 79%; Pig: 92%; Rabbit: 86%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human USP16
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-USP16 Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Sample Type : Human brain stem cells (NT2) Primary Antibody Dilution : 1:500 Secondary Antibody : Goat anti-rabbit Alexa Fluor 594 Secondary Antibody Dilution : 1:1000 Color/Signal Descriptions : Red: USP16 Blue: DAPI Gene Name : USP16 Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science

ADDITIONAL INFORMATION

Related Product Information for anti-USP16 antibody	This is a rabbit polyclonal antibody against USP16. It was validated on Western Blot using a cell lysate as a positive control. Target Description: USP16 is 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.
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Product Categories/Family for anti-USP16 antibody	Polyclonal; Transcription Regulation; Down Syndrome; Chromatin & Nuclear Signaling; Epigenetics; E3 & Ubiquitin; Disease Related; Meiosis/Mitosis/Cell Cycle; Transcription Factors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38194903
NCBI GeneID	10600
NCBI Accession #	AAR13293
NCBI GenBank Nucleotide #	NM_001001992
UniProt Accession #	Q5VKN8; Q9Y5T5
Molecular Weight	44kDa
NCBI Official Full Name	USP16
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

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-western-blot-immunohistochemistry-elisa/199619>