

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

Rabbit anti-USP16 Antibody, Affinity Purified

CATALOG # AAA211554	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

USP16; Polyclonal Antibody; Rabbit anti-USP16 Antibody; Affinity Purified; UBPM; UBP-M; Ubiquitin-specific-processing protease 16; ubiquitin-specific processing protease 16; ubiquitin-processing protease UBP-M; ubiquitin thioesterase 16; ubiquitin specific protease 16; ubiquitin carboxyl-terminal hydrolase 16; deubiquitinating enzyme 16; ubiquitin thiolesterase 16; Ubiquitin carboxyl-terminal hydrolase 16; ubiquitin specific peptidase 16; anti-USP16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-USP16 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human USP16 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-USP16 antibody AAA211554 (lot AAA211554-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human USP16 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-USP16 antibody AAA211554 (lot AAA211554-2) used for IP at 6 ug per reaction. USP16 was also immunoprecipitated by rabbit anti-USP16 antibody For blotting immunoprecipitated USP16, AAA211554 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-USP16 antibody	Ubiquitin (Ub) is a highly conserved protein found ubiquitously in eukaryotic organisms. The conjugation of ubiquitin to proteins is an important means to regulate protein activity for many cellular processes by tagging them for degradation. Removal of Ub can rescue proteins from degradation. This is accomplished by the ubiquitin-specific processing protease (UBP) family of enzymes. Ubiquitin specific processing protease 16 (USP16) is a member of this family. USP16 activity is cell cycle regulated via phosphorylation and participates in cell cycle control by influencing mitotic chromosome condensation and histone 2A (H2A) deubiquitination.
Product Categories/Family for anti-USP16 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454156
NCBI GeneID	10600
NCBI Accession #	NP_006438.1; NP_001001992.1
NCBI GenBank Nucleotide #	NM_006447.2
UniProt Accession #	Q9Y5T5; Q53GP7; Q53HA0; Q5VKN8; Q8NEL3; Q9H3E6; A8MU43; B3KN13; B4DFV8; B4DY37; D3DSD9
Molecular Weight	46,599 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 16 isoform a
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-immunoprecipitation-western-blot-elisa/211554>