

Rabbit anti-Human, Mouse USP19 Polyclonal Antibody | anti-USP19 antibody

USP19 Antibody

CATALOG # AAA305710	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

USP19; Polyclonal Antibody; USP19 Antibody; deubiquitinating enzyme 19; EC 3.1.2.15; KIAA0891; UB19; ubiquitin carboxyl-terminal hydrolase 19; anti-USP19 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total USP19 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1419
Applicable Applications for anti-USP19 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human USP19.
Target Name	USP19
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using USP19 antibody.



WB (Western Blot)

Western blot analysis of extracts from 3T3 cells, using USP19 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-USP19 antibody	Deubiquitinating enzyme that regulates the degradation of various proteins. Deubiquitinates and prevents proteasomal degradation of RNF123 which in turn stimulates CDKN1B ubiquitin-dependent degradation thereby playing a role in cell proliferation. Involved in decreased protein synthesis in atrophying skeletal muscle. Modulates transcription of major myofibrillar proteins. Also involved in turnover of endoplasmic-reticulum-associated degradation (ERAD) substrates. Regulates the stability of BIRC2/c-IAP1 and BIRC3/c-IAP2 by preventing their ubiquitination. Required for cells to mount an appropriate response to hypoxia and rescues HIF1A from degradation in a non-catalytic manner. Plays an important role in 17 beta-estradiol (E2)-inhibited myogenesis. Decreases the levels of ubiquitinated proteins during skeletal muscle formation and acts to repress myogenesis. Exhibits a preference towards 'Lys-63'-linked Ubiquitin chains.Nagase T., DNA Res. 5:355-364(1998).The MGC Project Team, Genome Res. 14:2121-2127(2004).Beausoleil S.A., Proc. Natl. Acad. Sci. U.S.A. 101:12130-12135(2004).
Product Categories/Family for anti-USP19 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	312596871
NCBI GeneID	10869
NCBI Accession #	NP_001186089.1
NCBI GenBank Nucleotide #	NM_001199160.1
UniProt Accession #	O94966; Q3KQW4; Q641Q9; Q6NZY8; Q86XV9; A5PKX8; A6H8U2; B4DGT3; B4DTZ0; E7EN22; E7ETS0; E9PEG8
Molecular Weight	150,659 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 19 isoform 1
NCBI Official Synonym Full Names	ubiquitin specific peptidase 19
NCBI Official Symbol	USP19
NCBI Official Synonym Symbols	ZMYND9
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 19
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 19
UniProt Gene Name	USP19
UniProt Synonym Gene Names	KIAA0891; ZMYND9
UniProt Entry Name	UBP19_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.