

USP19 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2786a

Specification

USP19 Antibody (internal region) - Product Information

Application	E
Primary Accession	O94966
Other Accession	NP_006668.1 , 10869
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	145651

USP19 Antibody (internal region) - Additional Information

Gene ID 10869

Other Names

Ubiquitin carboxyl-terminal hydrolase 19, 3.4.19.12, Deubiquitinating enzyme 19, Ubiquitin thioesterase 19, Ubiquitin-specific-processing protease 19, Zinc finger MYND domain-containing protein 9, USP19, KIAA0891, ZMYND9

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

USP19 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

USP19 Antibody (internal region) - Protein Information

Name USP19

Synonyms KIAA0891, ZMYND9

Function

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.

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein

USP19 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

USP19 Antibody (internal region) - Images**USP19 Antibody (internal region) - References**

High incidence of ubiquitin-like domains in human ubiquitin-specific proteases. Zhu X, Ménard R, Sulea T. Proteins. 2007 Oct 1;69(1):1-7 PMID: 17597129