

**USP19 Polyclonal Antibody**  
**Catalog # AP73015****Specification**

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**USP19 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O94966</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**USP19 Polyclonal Antibody - Additional Information****Gene ID** 10869**Other Names**

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

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**USP19 Polyclonal Antibody - 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.

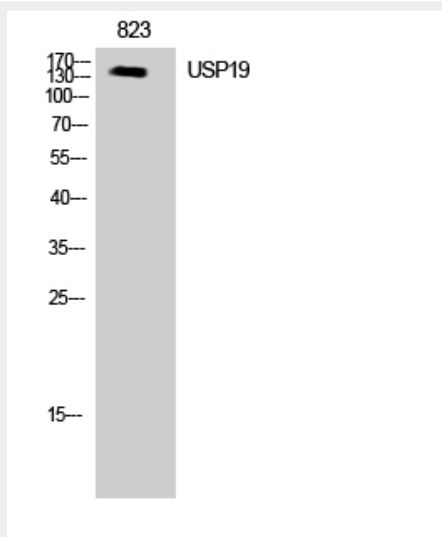
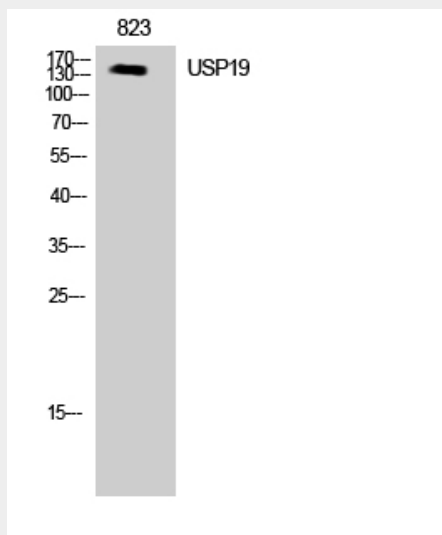
**Cellular Location**

Endoplasmic reticulum membrane; Single-pass membrane protein

**USP19 Polyclonal Antibody - 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 Polyclonal Antibody - Images**

## **USP19 Polyclonal Antibody - Background**

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