

**USP19 Antibody (aa391-440)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15524****Specification**

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**USP19 Antibody (aa391-440) - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">O94966</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	146kDa KDa

**USP19 Antibody (aa391-440) - 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

**Target/Specificity**

USP19 Antibody detects endogenous levels of total USP19 protein.

**Reconstitution & Storage**

Store at -20°C for up to one year.

**Precautions**

USP19 Antibody (aa391-440) is for research use only and not for use in diagnostic or therapeutic procedures.

**USP19 Antibody (aa391-440) - 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

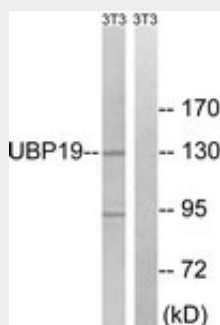
**Volume**

50 µl

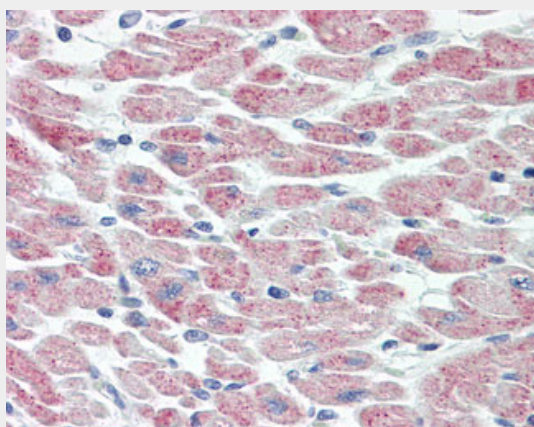
**USP19 Antibody (aa391-440) - Protocols**

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 (aa391-440) - Images**

Western blot of extracts from NIH-3T3 cells, using USP19 Antibody.



Anti-KIAA0891 / USP19 antibody IHC of human heart.

**USP19 Antibody (aa391-440) - Background**

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#### **USP19 Antibody (aa391-440) - References**

Nagase T.,et al.DNA Res. 5:355-364(1998).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).  
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).  
Hassink G.C.,et al.EMBO Rep. 10:755-761(2009).