

USP35 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14381**Specification**

USP35 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9P2H5
Other Accession	NM_020798 , NP_065849
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Horse, Yeast, Bovine, Dog
Predicted Host	Human, Rat, Rabbit, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 113kDa KDa

USP35 antibody - C-terminal region - Additional Information**Gene ID** 57558**Other Names**

Ubiquitin carboxyl-terminal hydrolase 35, 3.4.19.12, Deubiquitinating enzyme 35, Ubiquitin thioesterase 35, Ubiquitin-specific-processing protease 35, USP35, KIAA1372, USP34

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-USP35 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

USP35 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

USP35 antibody - C-terminal region - Protein Information**Name** USP35**Synonyms** KIAA1372, USP34**Function**Deubiquitinase that plays a role in different processes including cell cycle regulation, mitophagy or endoplasmic reticulum stress (PubMed: [26348204](http://www.uniprot.org/citations/26348204), PubMed: [29449677](http://www.uniprot.org/citations/29449677), PubMed: [37004621](http://www.uniprot.org/citations/37004621)). Inhibits TNFalpha-induced NF-kappa-B activation through stabilizing TNIP2 protein via deubiquitination (PubMed:

[26348204](http://www.uniprot.org/citations/26348204)). Plays an essential role during mitosis by deubiquitinating and thereby regulating the levels of Aurora B/AURKB protein (PubMed: [29449677](http://www.uniprot.org/citations/29449677)). In addition, regulates the protein levels of other key component of the chromosomal passenger complex (CPC) such as survivin/BIRC5 or Borealin/CDCA8 by enhancing their stability (PubMed: [34438346](http://www.uniprot.org/citations/34438346)). Regulates the degradation of mitochondria through the process of autophagy termed mitophagy (PubMed: [25915564](http://www.uniprot.org/citations/25915564)).

Cellular Location

Cytoplasm. Mitochondrion. Note=Only associates with polarized mitochondria, and rapidly translocates to the cytosol during mitophagy.

Tissue Location

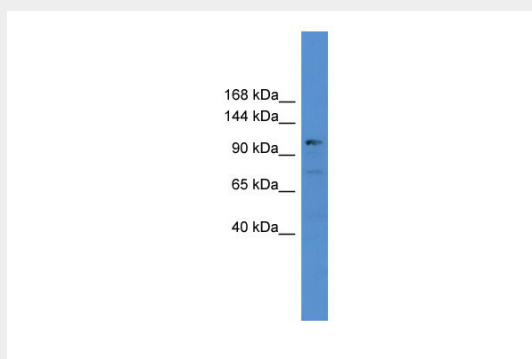
Expressed in testis, pancreas and skeletal muscle.

USP35 antibody - C-terminal 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](#)

USP35 antibody - C-terminal region - Images



WB Suggested Anti-USP35 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human Muscle

USP35 antibody - C-terminal region - References

Quesada V., et al. Biochem. Biophys. Res. Commun. 314:54-62(2004).
Nagase T., et al. DNA Res. 7:65-73(2000).
Taylor T.D., et al. Nature 440:497-500(2006).
Dephourse N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).