

USP48 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12499**Specification**

USP48 antibody - middle region - Product Information

Application	WB
Primary Accession	Q86UV5
Other Accession	NM_001032730 , AAH67261
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70kDa KDa

USP48 antibody - middle region - Additional Information**Gene ID** 84196**Alias Symbol** **USP31, RAP1GA1****Other Names**

Ubiquitin carboxyl-terminal hydrolase 48, 3.4.19.12, Deubiquitinating enzyme 48, Ubiquitin thioesterase 48, Ubiquitin-specific-processing protease 48, USP48, USP31

Format

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

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-USP48 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

USP48 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

USP48 antibody - middle region - Protein Information**Name** USP48**Synonyms** USP31**Function**

Recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins (PubMed:16214042, PubMed:34059922). May be

involved in the regulation of NF-kappa-B activation by TNF receptor superfamily via its interactions with RELA and TRAF2. May also play a regulatory role at postsynaptic sites.

Cellular Location

Cytoplasm. Nucleus

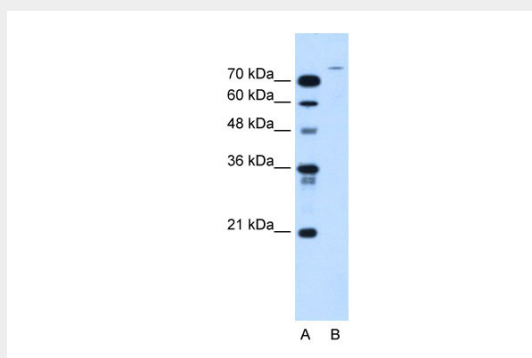
Tissue Location

Widely expressed. Expressed in the fetal inner ear (PubMed:34059922).

USP48 antibody - middle 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](#)

USP48 antibody - middle region - Images

WB Suggested Anti-USP48 Antibody Titration: 2.5µg/ml

Positive Control: HepG2 cell lysate

USP48 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells