

Rnf216 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14205**Specification**

Rnf216 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P58283
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93kDa KDa

Rnf216 Antibody - N-terminal region - Additional Information**Gene ID** 108086**Other Names**

E3 ubiquitin-protein ligase RNF216, 6.3.2.-, RING finger protein 216, Triad domain-containing protein 3, UbcM4-interacting protein 83, Ubiquitin-conjugating enzyme 7-interacting protein 1, Rnf216, Triad3, Ubce7ip1, Uip83, Zin

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-Rnf216 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

Rnf216 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Rnf216 Antibody - N-terminal region - Protein Information**Name** Rnf216**Synonyms** Triad3, Ubce7ip1, Uip83, Zin**Function**

E3 ubiquitin ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their ubiquitination. Plays a role in the regulation of antiviral responses by promoting the degradation of TRAF3, TLR4 and TLR9. In turn, down-regulates NF-kappa-B and IRF3 activation as well as beta interferon production. Participates also in the regulation of autophagy by ubiquitinating BECN1 leading to its degradation and

autophagy inhibition. Plays a role in ARC-dependent synaptic plasticity by mediating ARC ubiquitination resulting in its rapid proteasomal degradation (By similarity). Plays also an essential role in spermatogenesis and male fertility (PubMed:30649198). Mechanistically, regulates meiosis by promoting the degradation of PRKACB through the ubiquitin-mediated lysosome pathway (PubMed:33724554). Modulates the gonadotropin-releasing hormone signal pathway by affecting the stability of STAU2 that is required for the microtubule-dependent transport of neuronal RNA from the cell body to the dendrite (PubMed:37439148).

Cellular Location

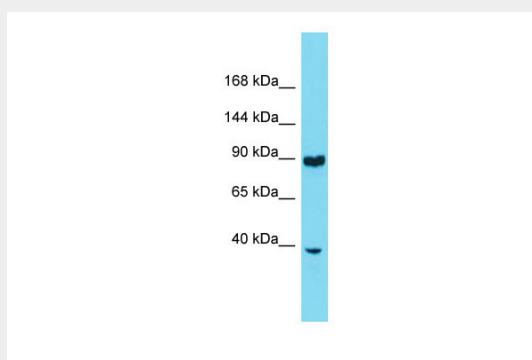
Cytoplasm {ECO:0000250|UniProtKB:Q9NWF9}. Cytoplasmic vesicle, clathrin-coated vesicle {ECO:0000250|UniProtKB:Q9NWF9}

Rnf216 Antibody - N-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](#)

Rnf216 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: Rnf216
Sample Tissue: Mouse Thymus lysates
Antibody Dilution: 1.0µg/ml

Rnf216 Antibody - N-terminal region - References

Chuang T.H.,et al.Submitted (MAR-2004) to the EMBL/GenBank/DDBJ databases.
Carninci P.,et al.Science 309:1559-1563(2005).
Martinez-Noel G.,et al.FEBS Lett. 454:257-261(1999).