10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Rnf216 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14205

Product Information

Application	WB
Primary Accession	P58283
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97682

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.

Protein Information

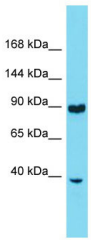
Name	Rnf216
Synonyms	Triad3, Ubce7ip1, Uip83, Zin
Function	E3 ubiquitin ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their ubiquitination. Plays a role in the regulation of antiviral responses by promoting the degradation of TRAF3, TLR4 and TLR9. In turn, down-regulates NF-kappa-B and IRF3 activation as well as beta interferon production. Also participates 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 aso 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}

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.