

TRIAD3 (UBCE7IP1) Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2106b**Specification**

TRIAD3 (UBCE7IP1) Antibody (C-term) - Product Information

Application	IHC-P,E
Primary Accession	O9NWF9
Other Accession	P58283
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	716-745

TRIAD3 (UBCE7IP1) Antibody (C-term) - Additional Information**Gene ID** 54476**Other Names**

E3 ubiquitin-protein ligase RNF216, 632-, RING finger protein 216, Triad domain-containing protein 3, Ubiquitin-conjugating enzyme 7-interacting protein 1, Zinc finger protein inhibiting NF-kappa-B, RNF216, TRIAD3, UBCE7IP1, ZIN

Target/Specificity

This TRIAD3 (UBCE7IP1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 716-745 amino acids from the C-terminal region of human TRIAD3 (UBCE7IP1).

Dilution

IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRIAD3 (UBCE7IP1) Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIAD3 (UBCE7IP1) Antibody (C-term) - Protein Information**Name** RNF216

Synonyms TRIAD3, UBCE7IP1, ZIN

Function [Isoform 1]: E3 ubiquitin ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their ubiquitination (PubMed:[34998453](#)). Plays a role in the regulation of antiviral responses by promoting the degradation of TRAF3, TLR4 and TLR9 (PubMed:[15107846](#), PubMed:[19893624](#)). 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 (PubMed:[25484083](#)). Plays a role in ARC-dependent synaptic plasticity by mediating ARC ubiquitination resulting in its rapid proteasomal degradation (PubMed:[24945773](#)). Plays also an essential role in spermatogenesis and male fertility (By similarity). Mechanistically, regulates meiosis by promoting the degradation of PRKACB through the ubiquitin-mediated lysosome pathway (By similarity). 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 (By similarity).

Cellular Location

Cytoplasm. Cytoplasmic vesicle, clathrin-coated vesicle

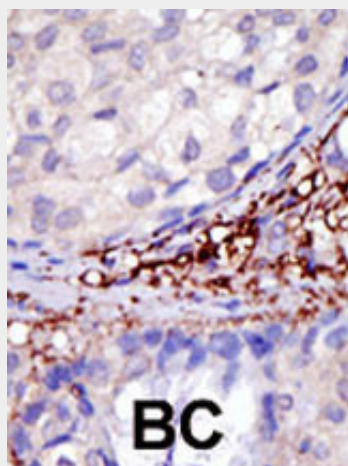
Tissue Location

Ubiquitous, with the highest levels of expression in testis and peripheral blood leukocytes

TRIAD3 (UBCE7IP1) Antibody (C-term) - 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](#)

TRIAD3 (UBCE7IP1) Antibody (C-term) - Images

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data

demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

TRIAD3 (UBCE7IP1) Antibody (C-term) - Background

UBCE7IP1 is a cytoplasmic protein which specifically colocalizes and interacts with the serine/threonine protein kinase, receptor-interacting protein (RIP). Zinc finger domains of the encoded protein are required for its interaction with RIP and for inhibition of TNF- and IL1-induced NF-kappa B activation pathways.

The encoded protein may also function as an E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes and transfers it to substrates.

TRIAD3 (UBCE7IP1) Antibody (C-term) - References

Ota, T., et al., Nat. Genet. 36(1):40-45 (2004).

Chen, D., et al., J. Biol. Chem. 277(18):15985-15991 (2002).

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).