

Rabbit TRAF-4 Polyclonal Antibody | anti-TRAF4 antibody

Polyclonal Antibody to TRAF-4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78364	Rabbit	Cow, Human, Mouse, Rat, Zebrafish	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TRAF-4; Polyclonal Antibody; Polyclonal Antibody to TRAF-4; TRAF4; CART1; MLN62; RNF83; Cysteine-rich domain associated with RING and Traf domains protein 1; MLN 62; Metastatic lymph node gene 62 protein; RING finger protein 83; Antibody to TRAF-4; Anti-TRAF-4 Antibody; TRAF-4 Antibody; anti-TRAF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	470
Applicable Applications for anti-TRAF4 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Information	A synthetic peptide human TRAF-4 (amino acids 1-17 MPGFDYKFLEKPKRLL) was used as immunogen for this antibody
Antigen	TRAF-4
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig: 2 Immunohistochemistry of formalin-fixed, paraffin embedded, normal human mammary epithelial tissue using the TRAF4 antibody. A-C: Strong TRAF4 staining is seen in the luminal epithelial cells of the interlobular terminal ducts (acini). However, there is absence of TRAF4 immunostaining in the myoepithelial cells along the basement membrane. B and C: higher magnifications of A. Data courtesy of Krajewska et al.



IP (Immunoprecipitation)

Fig: 1 The TRAF4 antibody specifically immunoprecipitates TRAF4. Top: TRAFs 2, 3, 4, 5, and 6 were in vitro translated in the presence of 35S-methionine, and immunoprecipitated using the TRAF4 antibody. The TRAF4 antibody immunoprecipitated only TRAF4 and did not recognize TRAFs 2, 3, 5, or 6. A reticulocyte primed with an empty pcDNA plasmid was used as a negative control. Bottom: SDS-PAGE visualization of the in vitro translated TRAFs. Data courtesy of Krajewska et al.

ADDITIONAL INFORMATION

Related Product Information for anti-TRAF4 antibody	This antibody recognizes TRAF4. Human TRAF4 is a 470 amino acid protein. The TRAF (TNF receptor-associated factor) family is a group of adapter proteins (TRAFs 1-6) that link a wide variety of cell surface receptors to diverse signaling cascades leading to the activation of NF-κB and mitogen-activated protein kinases. TRAFs are major signal transducers for both the TNF and IL- 1/TLR receptor superfamilies and collectively play important functions in both adaptive and innate immunity. The carboxy-terminal region of TRAFs is required for self-association and interaction with receptor cytoplasmic domains following ligand-induced oligomerization. TRAFs interact with a variety of proteins that regulate receptor-induced cell death or survival, and TRAF-mediated signaling can promote cell survival or interfere with death receptor-induced apoptosis.
Product Categories/Family for anti-TRAF4 antibody	Antibodies ; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	30580636
NCBI GeneID	9618
UniProt Accession #	Q9BUZ4 ; O75615 ; Q14848 ; Q2KJU4 ; Q2PJN8
Molecular Weight	22,841 Da
NCBI Official Full Name	TNF receptor-associated factor 4
NCBI Official Synonym Full Names	TNF receptor associated factor 4
NCBI Official Symbol	TRAF4
NCBI Official Synonym Symbols	CART1; MLN62; RNF83
NCBI Protein Information	TNF receptor-associated factor 4
UniProt Protein Name	TNF receptor-associated factor 4
UniProt Gene Name	TRAF4
UniProt Synonym Gene Names	CART1; MLN62; RNF83; MLN 62

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/traf-4-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/78364>