

Rabbit anti-Human, Mouse TRAF4 Polyclonal Antibody | anti-Traf4 antibody

Anti-TRAF4 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254373	Rabbit	Human, Mouse	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

TRAF4; Polyclonal Antibody; Anti-TRAF4 Antibody; Rabbit Polyclonal; Traf4 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CART1 Antibody; Anti-MLN62 Antibody; Anti-RNF83 Antibody; anti-Traf4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TRAF4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Traf4 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human Traf4
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human Traf4, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

TRAF4 was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate; Lane B: 0.5 mg HeLa Whole Cell Lysate. 4 uL anti-TRAF4 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-TRAF4 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:500 dilution. Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 52 kDa. Observed band size: 52 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of TRAF4 in U2OS and HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human TRAF4 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.

**IHC (Immunohistochemistry)**

Immunochemical staining TRAF4 in mouse kidney with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining TRAF4 in human lung cancer with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining TRAF4 in human kidney with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-Traf4 antibody	traf4a mRNA is expressed in the developing eye vesicle over the period of optic cup morphogenesis, and Traf4a loss leads to disrupted evagination and elongation of the eye vesicles, and aberrant organization and apico-basal polarity of the eye epithelium. Traf4 acts in a TNF receptor-and Jun N-terminal protein kinase (JNK)-independent manner to fine-tune the assembly of adherens junctions in the invaginating mesodermal cells. Tumor necrosis factor receptor associated factor 4 (Traf4) mRNA expression is upregulated in various breast tumors and tumor cell lines.
Product Categories/Family for anti-Traf4 antibody	IL17 signaling pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	22027622
NCBI GeneID	9618
NCBI Accession #	NP_004286.2
NCBI GenBank Nucleotide #	NM_004295.3
UniProt Accession #	Q9BUZ4 ; O75615 ; Q14848 ; Q2KJU4 ; Q2PJN8
Molecular Weight	53,543 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; MLN 62; malignant 62; RING finger protein 83; metastatic lymph node gene 62 protein; tumor necrosis receptor-associated factor 4A; cysteine-rich domain associated with ring and TRAF domain; cysteine-rich domain associated
UniProt Protein Name	TNF receptor-associated factor 4
UniProt Gene Name	TRAF4
UniProt Synonym Gene Names	CART1; MLN62; RNF83; MLN 62
UniProt Entry Name	TRAF4_HUMAN

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.