



## Rabbit Anti-TRAF4 antibody

SL8545R

<b>Product Name:</b>	TRAF4
<b>Chinese Name:</b>	Tumour坏死因子受体相关蛋白4抗体
<b>Alias:</b>	CART 1; CART1; TRAF 4; TRAF-4; TRAF4_HUMAN; cysteine rich domain associated with ring and TRAF domain; Cysteine rich domain associated with RING and Traf domains protein 1; Malignant 62; metastatic lymph node gene 62 protein; MLN 62; MLN62; RING finger protein 83; RNF 83; RNF83; TNF receptor associated factor 4; TRAF 4; tumor necrosis receptor-associated factor 4A.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	54kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TRAF4:1-100/470
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a member of the TNF receptor associated factor (TRAF) family. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. The encoded protein has been shown to interact with

neurotrophin receptor, p75 (NTR/NTSR1), and negatively regulate NTR induced cell death and NF-kappa B activation. This protein has been found to bind to p47phox, a cytosolic regulatory factor included in a multi-protein complex known as NAD(P)H oxidase. This protein thus, is thought to be involved in the oxidative activation of MAPK8/JNK. Alternatively spliced transcript variants have been observed but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008].

**Function:**

Adapter protein and signal transducer that links members of the tumor necrosis factor receptor (TNFR) family to different signaling pathways. Plays a role in the activation of NF-kappa-B and JNK, and in the regulation of cell survival and apoptosis. Regulates activation of NF-kappa-B in response to signaling through Toll-like receptors. Required for normal skeleton development, and for normal development of the respiratory tract. Required for activation of RPS6KB1 in response to TNF signaling. Modulates TRAF6 functions.

**Subunit:**

Homotrimer (Probable). Interacts with LTBR/TNFRSF3, NGFR/TNFRSF16, RPS6KB1 and TGFB1I1. Interacts with SMURF1. Interacts (via TRAF domain) with MAP3K4 (via kinase domain). Interacts with NCF1, TICAM1, IRAK1 and TRAF6, and is probably part of a complex containing TRAF4, NCF1, TICAM1, IRAK1 and TRAF6.

**Subcellular Location:**

Cytoplasm. Nucleus. Cytoplasm, perinuclear region. Cell junction, tight junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton.

**Tissue Specificity:**

Expressed in epithelial cells of thymus, dendritic cells of lymph node, and in the basal cell layer of epithelia such as epidermis, nasopharynx, respiratory tract, salivary gland, and esophagus.

**Post-translational modifications:**

Polyubiquitinated, leading to its proteasomal degradation.

**Similarity:**

Contains 1 MATH domain.  
Contains 1 RING-type zinc finger.  
Contains 3 TRAF-type zinc fingers.

**SWISS:**

Q9BUZ4

**Gene ID:**

9618

**Database links:**

[Entrez Gene: 9618](#)Human

[Entrez Gene: 22032](#)Mouse

[Omicron: 602464](#)Human

[SwissProt: Q9BUZ4](#)Human

[SwissProt: Q61382](#)Mouse

[Unigene: 8375](#)Human

[Unigene: 390418](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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