

Rabbit anti-Mouse, Rat TRAF6 Polyclonal Antibody | anti-Traf6 antibody

Anti-TRAF6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125393	Rabbit	Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TRAF6; Polyclonal Antibody; Anti-TRAF6 Antibody; TNF receptor-associated factor 6; E3 ubiquitin-protein ligase TRAF6; RING-type E3 ubiquitin transferase TRAF6; Traf6; anti-Traf6 antibody

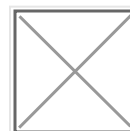
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	530
Applicable Applications for anti-Traf6 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse TRAF6 recombinant protein (Position: Q14-D512).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

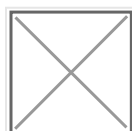
IMAGES



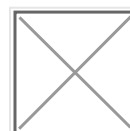
WB (Western Blot)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-Traf6 antibody	Description: Rabbit IgG polyclonal antibody for TRAF6 detection. Tested with WB, IHC-P, FCM, Direct ELISA in Mouse; Rat. Background: TNF receptor-associated factor 6, also called E3 ubiquitin-protein ligase TRAF6 or RNF85, is a TRAF human protein. The protein encoded by this gene is a member of the TNF receptor associated factor(TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from, members of the TNF receptor superfamily. This gene is mapped to 11p12. This protein mediates signaling from members of the TNF receptor superfamily as well as the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates IkappaB kinase(IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has been found to be required for IKK activation by this protein.
References	1. Akiyama, T., Maeda, S., Yamane, S., Ogino, K., Kasai, M., Kajiura, F., Matsumoto, M., Inoue, J. Dependence of self-tolerance on TRAF6-directed development of thymic stroma. Science 308: 248-251, 2005. 2. King, C. G., Kobayashi, T., Cejas, P. J., Kim, T., Yoon, K., Kim, G. K., Chiffolleau, E., Hickman, S. P., Walsh, P. T., Turka, L. A., Choi, Y. TRAF6 is a T cell-intrinsic negative regulator required for the maintenance of immune homeostasis. Nature Med. 12: 1088-1092, 2006.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38348246
NCBI GeneID	22034
NCBI Accession #	NP_033450.2
NCBI GenBank Nucleotide #	NP_033450.2
UniProt Accession #	P70196
NCBI Official Full Name	TNF receptor-associated factor 6
NCBI Official Synonym Full Names	TNF receptor-associated factor 6
NCBI Official Symbol	Traf6
NCBI Official Synonym Symbols	AI851288; 2310003F17Rik; C630032O20Rik
NCBI Protein Information	TNF receptor-associated factor 6
UniProt Protein Name	TNF receptor-associated factor 6
UniProt Gene Name	Traf6
UniProt Entry Name	TRAF6_MOUSE

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.