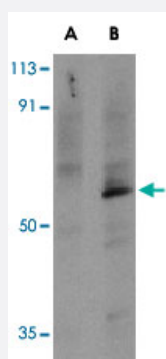


TRAF6 polyclonal antibody

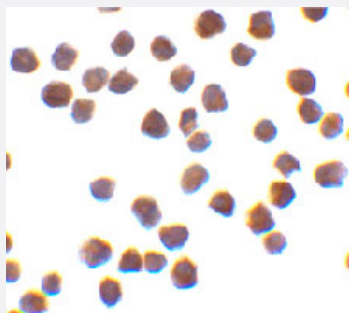
Catalog # PAB12896 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of TRAF6 in PC-3 cell lysates with TRAF6 polyclonal antibody (Cat # PAB12896) at 1 ug/mL in the presence (A) or absence (B) of 1 ug blocking peptide.



Immunocytochemistry

Immunocytochemistry of TRAF6 in K-562 cells with TRAF6 polyclonal antibody (Cat # PAB12896) at 0.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TRAF6.
Immunogen	A synthetic peptide corresponding to C-terminus 14 amino acids of human TRAF6.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of TRAF6 in PC-3 cell lysates with TRAF6 polyclonal antibody (Cat # PAB12896) at 1 ug/mL in the presence (A) or absence (B) of 1 ug blocking peptide.

- Immunocytochemistry

Immunocytochemistry of TRAF6 in K-562 cells with TRAF6 polyclonal antibody (Cat # PAB12896) at 0.5 ug/mL .

Gene Info — TRAF6

Entrez GeneID	7189
Protein Accession#	NP_004611
Gene Name	TRAF6
Gene Alias	MGC:3310, RNF85
Gene Description	TNF receptor-associated factor 6
Omim ID	602355
Gene Ontology	Hyperlink

Gene Summary	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 protein mediates the signaling not only from the members of the TNF receptor superfamily, but also from the members of 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 I kappaB 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. Two alternatively spliced transcript variants encoding identical proteins have been reported. [provided by RefSeq]
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Other Designations

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Publication Reference

- [Analogies between Drosophila and mammalian TRAF pathways.](#)

Wajant H, Scheurich P.

Progress in Molecular and Subcellular Biology 2004 Jan; 34:47.

Application: WB, Human, Mammalian cells

- [TRAF6 is a critical factor for dendritic cell maturation and development.](#)

Kobayashi T, Walsh PT, Walsh MC, Speirs KM, Chiffolleau E, King CG, Hancock WW, Caamano JH, Hunter CA, Scott P, Turka LA, Choi Y.

Immunity 2003 Sep; 19(3):353.

- [Toll-like receptors.](#)

Takeda K, Kaisho T, Akira S.

Annual Review of Immunology 2001 Dec; 21:335.

Pathway

- [Endocytosis](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Toll-like receptor signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)

- [Asthma](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Thyroid Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)