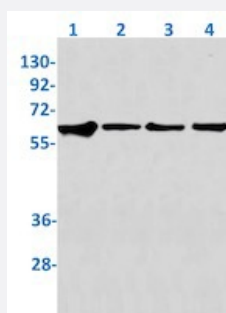


RecomAb™

TRAF6 recombinant monoclonal antibody, clone R05-2D6

Catalog # RAB01859 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane1: K562, Lane2: rat brain, Lane3: C6 and Lane4: Hela lysates with TRAF6 recombinant monoclonal antibody, clone R05-2D6 (Cat # RAB01859).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TRAF6.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human TRAF6.
Theoretical MW (kDa)	Calculated MW: 60 kD
Reactivity	Human, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

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

Western blot analysis of Lane1: K562, Lane2: rat brain, Lane3: C6 and Lane4: Hela lysates with TRAF6 recombinant monoclonal antibody, clone R05-2D6 (Cat # RAB01859).

Gene Info — TRAF6

Entrez GeneID[7189](#)**Protein Accession#**[Q9Y4K3](#)**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 kappa B 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]

Other Designations

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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](#)