Rabbit TRAF6 Monoclonal Antibody | anti-TRAF6 antibody

Anti-TRAF6 Rabbit Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46897	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunocytochemistry, Immunohistochemistry, Immunofluorescence**

PRODUCT SYNONYMS

TRAF6; Monoclonal Antibody; Anti-TRAF6 Rabbit Monoclonal Antibody; TNF receptor-associated factor 6; 6.3.2.-; E3 ubiquitin-protein ligase TRAF6; Interleukin-1 signal transducer; RING finger protein 85; RNF85; anti-TRAF6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Sequence Length	522
Applicable Applications for anti-TRAF6 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human TRAF6
Subcellular Localization	Cytoplasm. Cytoplasm, cell cortex. Nucleus. Lipid droplet. Found in the nuclei of some aggressive B-cell lymphoma cell lines as well as in the nuclei of both resting and activated T- and B-lymphocytes. Found in punctate nuclear body protein complexes. Ubiquitination may occur in the cytoplasm and sumoylation in the nucleus. RSAD2/viperin recruits it to the lipid droplet (By similarity).
Tissue Specificity	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
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 at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma, using TRAF6 Antibody(AAA46897)TRAF6 was detected in paraffin-embedded tissue section. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-TRAF6 Antibody (AAA46897)overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) with DAB as the chromogen.

WB (Western Blot)
Western blot analysis of TRAF6 expression in Jurkat cell lysate (AAA46897).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TRAF6 monoclonal antibody overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TRAF6

ADDITIONAL INFORMATION

Related Product Information for anti-TRAF6 antibody	E3 ubiquitin ligase that, together with UBE2N and UBE2V1, mediates the synthesis of 'Lys-63'-linked-polyubiquitin chains conjugated to proteins, such as IKBKG, IRAK1, AKT1 and AKT2. Also mediates ubiquitination of free/unanchored polyubiquitin chain that leads to MAP3K7 activation. Leads to the activation of NF-kappa-B and JUN. May be essential for the formation of functional osteoclasts. Seems to also play a role in dendritic cells (DCs) maturation and/or activation. Represses c- Myb-mediated transactivation, in B-lymphocytes. Adapter protein that seems to play a role in signal transduction initiated via TNF receptor, IL-1 receptor and IL-17 receptor. Regulates osteoclast differentiation by mediating the activation of adapter protein complex 1 (AP-1) and NF-kappa-B, in response to RANK-L stimulation. Together with MAP3K8, mediates CD40 signals that activate ERK in B-cells and macrophages, and thus may play a role in the regulation of immunoglobulin production.
Product Categories/Family for anti-TRAF6 antibody	Cell Biology; Apoptosis; Receptors; Associated Proteins; Signal Transduction; Signaling Pathway; Nuclear Signaling; NFKB Pathway; Growth Factors/Hormones; TNF; Cancer; Growth Factors; Invasion/Microenvironment; Death Receptors & Ligands; TRAF; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759254
NCBI GeneID	7189
NCBI Accession #	NP_004611.1
NCBI GenBank Nucleotide #	NM_004620.3
UniProt Accession #	Q9Y4K3; Q8NEH5; A6NKI7; A8KAB3; D3DR16
Molecular Weight	59573 MW
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	RNF85; MGC:3310
NCBI Protein Information	TNF receptor-associated factor 6
UniProt Protein Name	TNF receptor-associated factor 6
UniProt Gene Name	**TRAF6**
UniProt Synonym Gene Names	RNF85

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/traf6-antibody-western-blot-immunocytochemistry-immunohistochemistry-immunofluorescence-elisa/46897