

**TRAF6 Antibody**  
Rabbit mAb  
Catalog # AP90225

## Specification

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### TRAF6 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	<a href="#">O9Y4K3</a>
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal

#### Other Names

TNF receptor-associated factor 6; E3 ubiquitin-protein ligase TRAF6; Interleukin-1 signal transducer; RING finger protein 85; TRAF6; RNF85; TRAF 6; TRAF-6;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	59573 Da

### TRAF6 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TRAF6
Description	TRAFs (TNF receptor-associated factors) are a family of multifunctional adaptor proteins that bind to surface receptors and recruit additional proteins to form multiprotein signaling complexes capable of promoting cellular responses. Members of the TRAF family share a common carboxy-terminal TRAF domain which mediates interactions with associated proteins; many also contain amino-terminal Zinc/RING finger motifs.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### TRAF6 Antibody - Protein Information

**Name** TRAF6

**Synonyms** RNF85

#### Function

E3 ubiquitin ligase that, together with UBE2N and UBE2V1, mediates the synthesis of 'Lys-63'-linked-polyubiquitin chains conjugated to proteins, such as ECSIT, IKBKG, IRAK1, AKT1 and

AKT2 (PubMed:[11057907](http://www.uniprot.org/citations/11057907), PubMed:[18347055](http://www.uniprot.org/citations/18347055), PubMed:[19465916](http://www.uniprot.org/citations/19465916), PubMed:[19713527](http://www.uniprot.org/citations/19713527), PubMed:[31620128](http://www.uniprot.org/citations/31620128)). Also mediates ubiquitination of free/unanchored polyubiquitin chain that leads to MAP3K7 activation (PubMed:[19675569](http://www.uniprot.org/citations/19675569)). Leads to the activation of NF-kappa-B and JUN (PubMed:[16378096](http://www.uniprot.org/citations/16378096), PubMed:[17135271](http://www.uniprot.org/citations/17135271), PubMed:[17703191](http://www.uniprot.org/citations/17703191)). Seems to also play a role in dendritic cells (DCs) maturation and/or activation (By similarity). Represses c-Myb-mediated transactivation, in B-lymphocytes (PubMed:[18093978](http://www.uniprot.org/citations/18093978), PubMed:[18758450](http://www.uniprot.org/citations/18758450)). Adapter protein that seems to play a role in signal transduction initiated via TNF receptor, IL-1 receptor and IL-17 receptor (PubMed:[12140561](http://www.uniprot.org/citations/12140561), PubMed:[19825828](http://www.uniprot.org/citations/19825828), PubMed:[8837778](http://www.uniprot.org/citations/8837778)). Regulates osteoclast differentiation by mediating the activation of adapter protein complex 1 (AP-1) and NF-kappa-B, in response to RANK-L stimulation (By similarity). 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 (By similarity). Participates also in the TCR signaling by ubiquitinating LAT (PubMed:[23514740](http://www.uniprot.org/citations/23514740), PubMed:[25907557](http://www.uniprot.org/citations/25907557)).

#### Cellular Location

Cytoplasm. Cytoplasm, cell cortex. Nucleus. Lipid droplet {ECO:0000250|UniProtKB:P70196}. Note=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 Location

Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

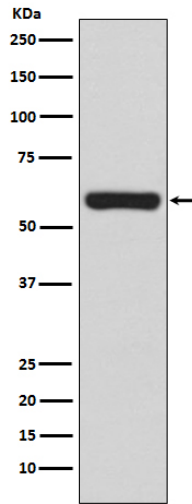
### TRAF6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TRAF6 Antibody - Images





Western blot analysis of TRAF6 expression in Jurkat cell lysate.