

**TRAF6 Rabbit mAb**  
Catalog # AP78597**Specification**

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**TRAF6 Rabbit mAb - Product Information**

Application	WB, IHC-P, ICC
Primary Accession	<a href="#">Q9Y4K3</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	59573

**TRAF6 Rabbit mAb - Additional Information**

Gene ID 7189

**Other Names**

TRAF6

**Format**

Liquid

**TRAF6 Rabbit mAb - 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))

target="\_blank">12140561</a>, PubMed:<a href="http://www.uniprot.org/citations/19825828" target="\_blank">19825828</a>, PubMed:<a href="http://www.uniprot.org/citations/8837778" target="\_blank">8837778</a>). 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:<a href="http://www.uniprot.org/citations/23514740" target="\_blank">23514740</a>, PubMed:<a href="http://www.uniprot.org/citations/25907557" target="\_blank">25907557</a>).

#### 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 Rabbit mAb - 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 Rabbit mAb - Images