

For Research Use Only

TRAF5 Polyclonal antibody

Catalog Number: 26917-1-AP



Basic Information

Catalog Number: 26917-1-AP	GenBank Accession Number: BC029600	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 7188	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: O00463	
Isotype: IgG	Full Name: TNF receptor-associated factor 5	
Immunogen Catalog Number: AG25284	Calculated MW: 557 aa, 64 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: Jurkat cells,
Species Specificity: human	

Background Information

TRAF5 (also known as TNF receptor-associated factor 5, Ring finger protein 84, RNF8, MGC:39780) is a member of the tumor necrosis factor receptor-associated (TRAF) family of proteins that are characterized by the presence of a meprin and TRAF homology (MATH) domain, a RING-type zinc finger domain, and two TRAF-type zinc finger domains (<https://www.uniprot.org/uniprot/O00463>). TRAF5 is a scaffold protein that associates with and mediates signal transduction by cell surface receptors belonging to the tumor necrosis factor (TNF) superfamily, including CD27, CD30, CD40, and Lymphotoxin-β receptor, positively regulating activation of the canonical NF-κB pathway and c-Jun NH2-terminal kinase (JNK) activation by these receptors (PMIDs: 8999898, 9582383, 8790348, 8663299). The RING-type zinc finger domain of TRAF5 exhibits ubiquitin protein ligase activity and is responsible for Lys-63-linked polyubiquitination of protein targets (PMIDs: 23758787, 29176576). This domain has been demonstrated to be required for TRAF5-mediated activation of NF-κB (PMID: 8663299).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

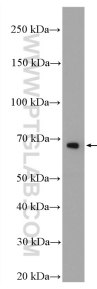
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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 26917-1-AP (TRAF5 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.