

# TRAF5 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56319

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">O00463</a>
<b>Reactivity</b>	Rat, Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	64406
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human TRAF5
<b>Epitope Specificity</b>	101-200/557
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasm.
<b>SIMILARITY</b>	Belongs to the TNF receptor-associated factor family. A subfamily. Contains 1 MATH domain. Contains 1 RING-type zinc finger. Contains 2 TRAF-type zinc fingers.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	The scaffold protein encoded by this gene is a member of the tumor necrosis factor receptor-associated factor (TRAF) protein family and contains a meprin and TRAF homology (MATH) domain, a RING-type zinc finger, and two TRAF-type zinc fingers. TRAF proteins are associated with, and mediate signal transduction from members of the TNF receptor superfamily. This protein is one of the components of a multiple protein complex which binds to tumor necrosis factor (TNF) receptor cytoplasmic domains and mediates TNF-induced activation. Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]

## Additional Information

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<b>Gene ID</b>	7188
<b>Other Names</b>	TNF receptor-associated factor 5, RING finger protein 84, TRAF5, RNF84
<b>Target/Specificity</b>	Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon, and peripheral blood.
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Protein Information**

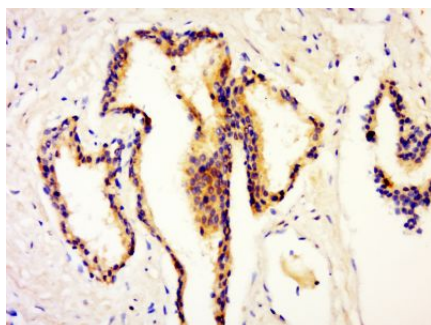
**Name** TRAF5

**Synonyms** RNF84

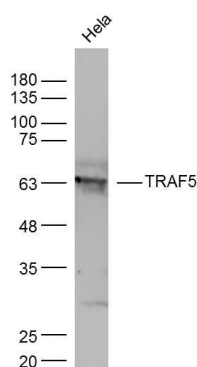
**Function** Adapter protein and signal transducer that links members of the tumor necrosis factor receptor family to different signaling pathways by association with the receptor cytoplasmic domain and kinases. Mediates activation of NF-kappa-B and probably JNK. Seems to be involved in apoptosis. Plays a role in mediating activation of NF- kappa-B by EIF2AK2/PKR.

**Cellular Location** Cytoplasm. Cytoplasm, cytosol

**Tissue Location** Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon, and peripheral blood

**Images**

Paraformaldehyde-fixed, paraffin embedded (rat prostate); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TRAF5) Polyclonal Antibody, Unconjugated (AP56319) at 1:5000 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

**Sample:**

Hela Cell (Human) Lysate at 30 ug

Primary: Anti- TRAF5 (AP56319) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 64 kD

Observed band size: 64 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.