

Rabbit TRAF-2 Polyclonal Antibody | anti-TRAF2 antibody

Polyclonal Antibody to TRAF-2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78362	Rabbit	Human Predicted: Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

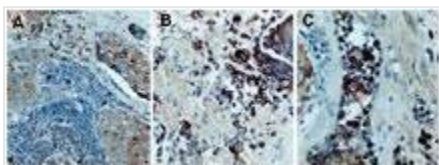
PRODUCT SYNONYMS

TRAF-2; Polyclonal Antibody; Polyclonal Antibody to TRAF-2; TRAF2; TRAF3; E3 ubiquitin-protein ligase TRAF2; Tumor necrosis factor type 2 receptor-associated protein 3; Antibody to TRAF-2; Anti-TRAF-2 Antibody; TRAF-2 Antibody; anti-TRAF2 antibody

PRODUCT SPECIFICATIONS

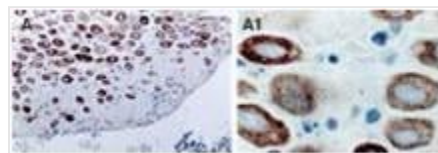
Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Serum
Form/Format	50 ul sera
Sequence Length	501
Applicable Applications for anti-TRAF2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Information	A synthetic peptide of human TRAF-2 (amino acids 6-31 VTPPGSLELLQPGFSKTLGKLEAK) was used as immunogen for this antibody
Antigen	TRAF-2
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



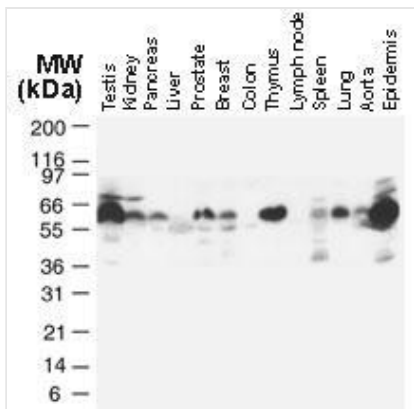
IHC (Immunohistochemistry)

Fig: 3 Immunohistochemistry of formalin-fixed, paraffin-embedded human colon carcinoma tissue sections stained for TRAF2 using at 1: 2000. Hematoxylin-eosin counterstain.



IHC (Immunohistochemistry)

Fig: 2 Immunohistochemistry of formalin-fixed, paraffin-embedded human melanoma tissue section stained for TRAF2 using at 1: 2000. A1 is a higher magnification of A. Hematoxylin-eosin counterstain.



WB (Western Blot)

Fig: 1 Western blot analysis of TRAF2 in normal human tissues using at 1: 2000. TRAF2 is observed at ~60-64 kDa. Additional bands of lower molecular weight were seen in some cases, and may represent TRAF2 degradation fragments

ADDITIONAL INFORMATION

Related Product Information for anti-TRAF2 antibody

This antibody recognizes TRAF2, which is a member of TRAF (TNF receptor-associated factor) adapter proteins composed 501 amino acids. It Links TNFRs (TNF Receptors) to the SAPKs (Stress-Activated Protein Kinases) and p38s. TRAF2 can activate ASK1 (Apoptosis Signal-Regulating Kinase-1) in vivo and can interact in vivo with the amino- and carboxyl-terminal noncatalytic domains of the ASK1 polypeptide. Expression of the amino-terminal noncatalytic domain of ASK1 can inhibit TNF and TRAF2 activation of SAPK. TRAF2 is a potential mediator of CD40 signaling. In vitro, TRAF2 and TRAF3 bind to the CD40 Cytoplasmic Tail (CD40CT) with much higher affinity than TRAF5 and TRAF6 (TNF Receptor Associated Factor-6) and that TRAF2 and TRAF3 bind to different residues of the CD40CT. The TRAF2-binding site of the CD40CT is critical for NF-KappaB and SAPK activation, as well as the UP-regulation of the ICAM1 (Intercellular Adhesion Molecule-1).

Product Categories/Family for anti-TRAF2 antibody

Antibodies; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	23503103
NCBI GeneID	7186
UniProt Accession #	Q12933; Q7Z337; Q96NT2; A8K107; B4DPJ7
Molecular Weight	53,055 Da
NCBI Official Full Name	TNF receptor-associated factor 2
NCBI Official Synonym Full Names	TNF receptor associated factor 2
NCBI Official Symbol	TRAF2
NCBI Official Synonym Symbols	TRAP; TRAP3; MGC:45012
NCBI Protein Information	TNF receptor-associated factor 2
UniProt Protein Name	TNF receptor-associated factor 2
UniProt Gene Name	TRAF2
UniProt Synonym Gene Names	TRAP3

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.