

## Rabbit TRAF-2 Polyclonal Antibody | anti-TRAF2 antibody

Polyclonal Antibody to TRAF-2

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                            |
|-----------|--------|-------------------|---------------------------------------------------------|
| AAA78361  | Rabbit | Human, 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, 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 87-106 SSSAFPDNAARREVESLPV) was used as immunogen for this antibody                              |
| Antigen                                         | TRAF-2                                                                                                                                            |
| Preparation and Storage                         | Store the antibody at 4 degree C, stable for 6 months.<br>For long-term storage, store at -20 degree C.<br>Avoid repeated freeze and thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Fig: 2 Immunohistochemical analysis of TRAF2 in formalin-fixed, paraffin-embedded normal human bone marrow section using at 1: 2000. Hematoxylin-eosin counterstain.



#### IHC (Immunohistochemistry)

Fig: 1 Immunohistochemical analysis of TRAF2 in formalin-fixed, paraffin-embedded normal human thymus sections using at 1: 2000. A-C, successively higher magnifications. Hematoxylin-eosin counterstain.

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   | <a href="#">Antibodies</a> ; <a href="#">Apoptosis</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">23503103</a>                                                                                                   |
| NCBI GeneID                      | <a href="#">7186</a>                                                                                                       |
| UniProt Accession #              | <a href="#">Q12933</a> ; <a href="#">Q7Z337</a> ; <a href="#">Q96NT2</a> ; <a href="#">A8K107</a> ; <a href="#">B4DPJ7</a> |
| 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                | <b>TRAF2</b>                                                                                                               |
| 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.