



TRAF7 Polyclonal Antibody

Catalog No	YP-Ab-05563
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TRAF7 RFWD1 RNF119
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TRAF7 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RNF119;RING-type E3 ubiquitin transferase TRAF7;RING finger and WD repeat-containing protein 1;RFWD1;EC:2.3.2.-;TRAF7;TRAF7 RFWD1 RNF119;E3 ubiquitin-protein ligase TRAF7 (EC 6.3.2.-) (RING finger and WD repeat-containing protein 1) (RING finger protein 119) (TNF receptor-associated factor 7)
Observed Band	67-75 kDa
Calculated Molecular Weight	75 kDa
Cell Pathway	Cytoplasmic vesicle . Colocalizes with MAP3K3 to vesicle-like structures throughout the cytoplasm.
Tissue Specificity	Ubiquitously expressed with high levels in skeletal muscle, heart, colon, spleen, kidney, liver and placenta.
Function	function:E3 ubiquitin ligase capable of auto-ubiquitination, following phosphorylation by MAP3K3. Potentiates MEKK3-mediated activation of the NF-kappa-B, JUN/AP1 and DDIT3 transcriptional regulators. Induces apoptosis when overexpressed.,pathway:Protein modification; protein ubiquitination., PTM:Phosphorylated by MAP3K3.,PTM:Ubiquitinates itself upon phosphorylation.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 1 TRAF-type zinc finger.,similarity:Contains 7 WD repeats.,subcellular



location:Colocalizes with MAP3K3 to vesicle-like structures throughout the cytoplasm.,subunit:Homodimer. Interacts with MAP3K3 and promotes the kinase activity of this enzyme.,tissue specificity:Ubiquitously expressed with high levels in skeletal muscle, heart, colon, spleen, kidney, liver and placenta.,

Background

TNF receptor associated factor 7(TRAF7) Homo sapiens Tumor necrosis factor (TNF; see MIM 191160) receptor-associated factors, such as TRAF7, are signal transducers for members of the TNF receptor superfamily (see MIM 191190). TRAFs are composed of an N-terminal cysteine/histidine-rich region containing zinc RING and/or zinc finger motifs; a coiled-coil (leucine zipper) motif; and a homologous region that defines the TRAF family, the TRAF domain, which is involved in self-association and receptor binding.[supplied by OMIM, Apr 2004],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images