



# TRAF7 Monoclonal Antibody

Catalog No	BYmab-05563
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TRAF7 RFWD1 RNF119
Protein Name	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)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TRAF7 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	73kD
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 caMABLE 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

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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

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网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658