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TRAF7 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12268

Product Information

Application	WB
Primary Accession	Q6Q0C0
Other Accession	NM_032271, NP_115647
Reactivity	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74609

Additional Information

Gene ID	84231
Alias Symbol	DKFZp586I021, MGC7807, RFWD1, RNF119
Other Names	E3 ubiquitin-protein ligase TRAF7, 6.3.2.-, RING finger and WD repeat-containing protein 1, RING finger protein 119, TNF receptor-associated factor 7, TRAF7, RFWD1, RNF119
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TRAF7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TRAF7 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

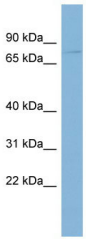
Name	TRAF7
Synonyms	RFWD1, RNF119
Function	E3 ubiquitin and SUMO-protein ligase that plays a role in different biological processes such as innate immunity, inflammation or apoptosis (PubMed:15001576, PubMed:37086853). Potentiates MAP3K3- mediated activation of JUN/AP1 and DDIT3 transcriptional regulators (PubMed:14743216). Negatively regulates MYB transcriptional activity by sequestering it to the cytosol via SUMOylation (By similarity). Plays a role in the phosphorylation of MAPK1 and/or MAPK3, probably via its interaction

	with MAP3K3. Negatively regulates RLR-mediated innate immunity by promoting 'Lys-48'-linked ubiquitination of TBK1 through its RING domain to inhibit the cellular antiviral response (PubMed:37086853). Promotes 'Lys-29'-linked polyubiquitination of NEMO/IKBKG and RELA leading to targeting these two proteins to lysosomal degradative pathways, reducing the transcriptional activity of NF-kappa-B (PubMed:21518757).
Cellular Location	Cytoplasmic vesicle. Cytoplasm. Nucleus Note=Colocalizes with MAP3K3 to vesicle-like structures throughout the cytoplasm
Tissue Location	Ubiquitously expressed with high levels in skeletal muscle, heart, colon, spleen, kidney, liver and placenta

References

Xu,L.G.,(2004)J.Biol.Chem.279(17),17278-17282ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1 week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-TRAF7 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human Stomach