

TRAF7 Polyclonal Antibody

Catalog NumberPA1-41285

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Horse, Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic peptide corresponding to residues 334-356 of human TRAF7.	Immunoprecipitation (IP)	1:20-1:1,000
Conjugate	Unconjugated	Western Blot (WB)	2 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1.0 mg/mL		
Purification	Protein G		
Storage buffer	PBS		
Contains	0.05% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Suggested positive control: antigen standard for TRAF7 (transient overexpression lysate).

Background/Target Information

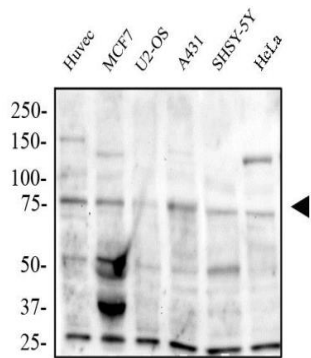
TRAFs are signal transducers for members of TNFR superfamily. These are critically involved in activation of MAP3K family members involved in NF-kappaB and JNK activation and apoptosis. TRAF7, a novel 670 A. A protein, is a human homolog of mouse Traf7 and consists of an N-terminal RING finger domain, central TRAF domain, a coiled-coil motif and 7 WD40 repeats at the C-terminus. It has E3-ubiquitin ligase activity for self-ubiquitination. TRAF7 specifically interacts with MEKK3 and mediates MEKK3-induced AP1 and CHOP activation and induces apoptosis through Caspase-independent pathways. It is a multifunctional protein involved in sumoylation and negative regulation of c-Myb, thereby regulating proliferation and differentiation of hematopoietic cells.

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TRAF7 Antibody (PA1-41285) in WB

Western blot analysis of TRAF7 in Huvec, MCF7, U2-OS, A431, SHSY-5Y and HeLa cells. Samples were incubated in TRAF7 polyclonal antibody (Product # PA1-41285) using a dilution of 2 µg/mL followed by an anti-rabbit HRP secondary antibody. Separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. Detection: chemiluminescence.

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