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anti-TRAF3 antibody (N-Term)

2 Images



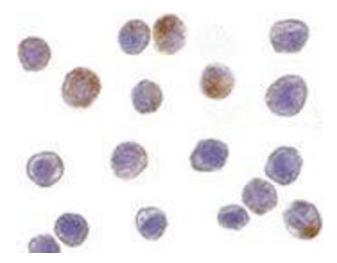
Go to Product page

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Overview	
Quantity:	0.1 mg
Target:	TRAF3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	TRAF3 antibody was raised against a 15 amino acid peptide from near the amino terminus of human.
Isotype:	lgG
Specificity:	This antibody detects TRAF3 / CRAF1 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography
Target Details	
Target:	TRAF3

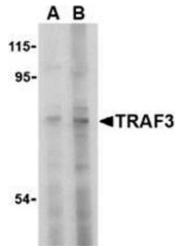
Target Details

3		
Background:	Tumor necrosis factor (TNF) receptor associated factors (TRAFs) are the major signal	
	transducers for the TNF receptor superfamily and the interleukin-1 receptor/Toll-like receptor	
	(IL-1/TLR) superfamily (1). TRAF3 was first identified by its interaction with CD40 and the	
	Epstein-Barr virus transforming protein LMP1 (2,3). Several TRAF3 mRNA splice variants exist	
	and some of these can activate the transcription factor NF-kappaB (4). Besides CD40, TRAF3	
	also interacts with the TRFR superfamily member lymphotoxin-beta receptor (LTbetaR) in	
	association with TRAF2 and the apoptosis inhibitors cIAP1 and Smac. It has been suggested	
	that TRAF3 induces mitochondria-mediated apoptosis upon binding of the TNF family cytokine	
	LIGHT by LTbetaR.Synonyms: CAP-1, CAP1, CD40 receptor-associated factor 1, CD40-binding	
	protein, CD40BP, LAP1, LMP1-associated protein, TNF receptor-associated factor 3	
Gene ID:	7187	
NCBI Accession:	NP_663777	
Pathways:	NF-kappaB Signaling, Apoptosis, TLR Signaling, Activation of Innate immune Response,	
	Hepatitis C, Toll-Like Receptors Cascades	
Application Details		
Application Notes:	ELISA. Western blot: 1 - 2 μg/mL. Immunoflourescence.	
	Other applications not tested.	
	Optimal dilutions are dependent on conditions and should be determined by the user.	
Restrictions:	For Research Use only	
Handling		
Buffer:	PBS containing 0.02 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.	



Immunofluorescence

Image 1. Immunocytochemistry of TRAF3 in HeLa cells with this product at $10 \, \mu g/ml$.



Western Blotting

Image 2. Western blot analysis of TRAF3 in HeLa cell lysate with this product at (A) 2 and (B) 4 μ g/ml.