# antibodies -online.com







# anti-TRAF2 antibody (C-Term)





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Quantity:	100 μL
Target:	TRAF2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

# **Product Details**

lmmunogen:	A synthesized peptide derived from human TRAF2, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	TRAF2 Antibody detects endogenous levels of total TRAF2.
Predicted Reactivity:	Bovine, Horse, Sheep, Dog, Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

# **Target Details**

Target:
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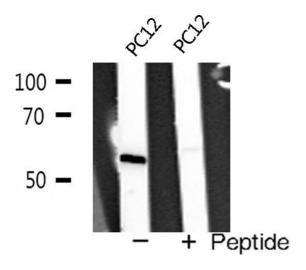
# **Target Details**

Alternative Name:	TRAF2 (TRAF2 Products)
Background:	Description: Regulates activation of NF-kappa-B and JNK and plays a central role in the regulation of cell survival and apoptosis. Required for normal antibody isotype switching from IgM to IgG. Has E3 ubiquitin-protein ligase activity and promotes 'Lys-63'-linked ubiquitination of target proteins, such as BIRC3, RIPK1 and TICAM1. Is an essential constituent of several E3 ubiquitin-protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases. Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation, this does not depend on the TRAF2 RING-type zinc finger domain. Plays a role in mediating activation of NF-kappa-E by EIF2AK2/PKR. In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE.
Molecular Weight:	56 kDa
Gene ID:	7186
UniProt:	Q12933
Pathways:	NF-kappaB Signaling, Apoptosis, Caspase Cascade in Apoptosis, Regulation of Leukocyte  Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular  Mediator of Immune Response, Positive Regulation of Endopeptidase Activity, Hepatitis C,  Unfolded Protein Response, S100 Proteins
Application Details	
Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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

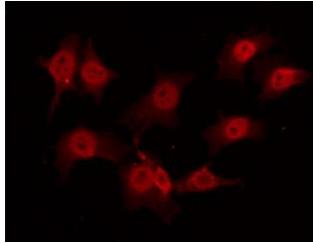
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

### **Images**



### **Western Blotting**

**Image 1.** Western blot analysis of TRAF2 expression in PC12 cells



# Immunofluorescence (fixed cells)

**Image 2.** ABIN6268929 staining K562 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.