

For Research Use Only

TRAF3 Monoclonal antibody

Catalog Number: 66310-1-Ig

Featured Product

18 Publications



Basic Information

Catalog Number: 66310-1-Ig	GenBank Accession Number: BC075087	Purification Method: Protein A purification
Size: 150ul, Concentration: 2800 ug/ml by Nanodrop and 2000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7187	CloneNo.: 1E3F4
Source: Mouse	UNIPROT ID: Q13114	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:200-1:800 IF/ICC: 1:200-1:800
Isotype: IgG2a	Full Name: TNF receptor-associated factor 3	
Immunogen Catalog Number: AG12185	Calculated MW: 568 aa, 64 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB: A549 cells, LPS treated U-937 cells, HEK-293 cells, Raji cells, Jurkat cells, NCI-H1299 cells IHC: human lymphoma tissue, IF/ICC: HeLa cells,
Cited Applications: WB, IHC, IF, IP, CoIP	
Species Specificity: human	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

TNF receptor-associated factor 3 (TRAF3) has many alternative names including CAP-1, CD40 receptor-associated factor 1(CRAF1), CD40-binding protein(CD40BP) and LMP1-associated protein 1 (LAP1). TRAF3 regulates pathways leading to the activation of NF-kappa-B and MAP kinases, and plays a central role in the regulation of innate immune response. It modulates signaling pathways leading to the production of cytokines and interferon. As an essential constituent of several E3 ubiquitin-protein ligase complexes, TRAF3 promote 'Lys-63'-linked ubiquitination of target proteins. Moreover, TRAF3 undergoes both 'Lys-48'-linked and 'Lys-63'-linked ubiquitination in response to various stimuli and is deubiquitinated by OTUB1, OTUB2 and OTUD5.

Notable Publications

Author	Pubmed ID	Journal	Application
Xinyue Du	33061854	Cancer Cell Int	WB
Jianqiao Hong	34000381	Free Radic Biol Med	IHC
Sujie Dong	35499322	J Virol	WB

Storage

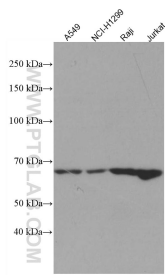
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

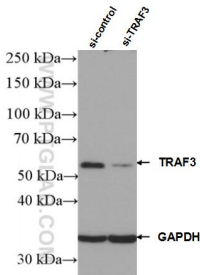
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

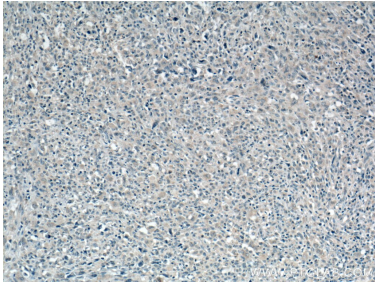
Selected Validation Data



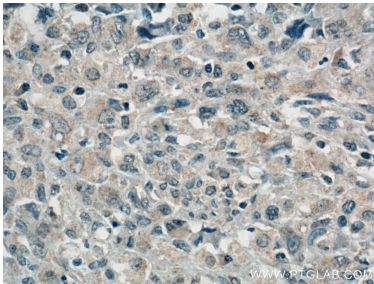
Various lysates were subjected to SDS PAGE followed by western blot with 66310-1-Ig (TRAF3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



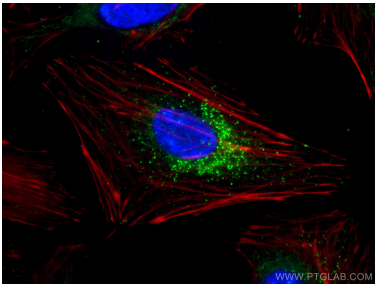
WB result of TRAF3 antibody (66310-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TRAF3 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66310-1-Ig (TRAF3 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66310-1-Ig (TRAF3 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRAF3 antibody (66310-1-Ig, Clone: 1E3F4) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).