

For Research Use Only

TRAIP Recombinant monoclonal antibody

Catalog Number: 86808-1-RR



Basic Information

Catalog Number: 86808-1-RR	GenBank Accession Number: BC000310	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10293	CloneNo.: 251370C8
Source: Rabbit	UNIPROT ID: Q9BWF2	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: TRAF interacting protein	
Immunogen Catalog Number: AG0491	Calculated MW: 53 kDa	
	Observed MW: 53 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, A549 cells IHC : human breast cancer tissue,

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

E3 ubiquitin-protein ligase TRAIP (TRAIP) is also named RING finger protein 206 (RNF206) and TRAF-interacting protein (TRIP). TRAIP, an E3 ligase containing a RING domain, has emerged as a significant contributor to maintaining genome integrity and TRAIP inhibits proliferation and migration of BLCA cells (PMID: 38123820). TRAIP helps replisomes overcome DNA interstrand crosslinks and DNA-protein crosslinks, whereas in mitosis it triggers disassembly of all replisomes that remain on chromatin (PMID: 33317933, PMID: 30842657).

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**

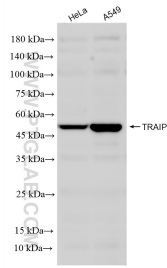
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

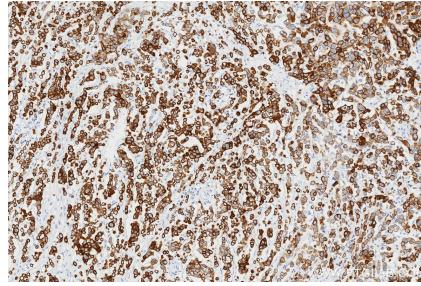
E: proteintech@ptglab.com
W: ptglab.com

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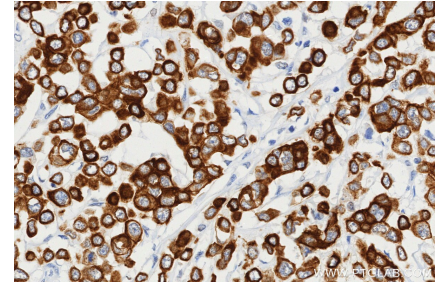
Selected Validation Data



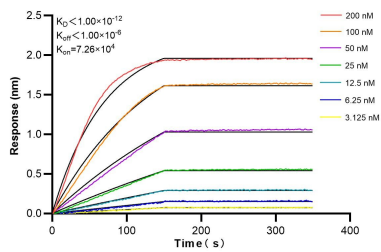
Various lysates were subjected to SDS PAGE followed by western blot with 86808-1-RR (TRAIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 86808-1-RR (TRAIP antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 86808-1-RR (TRAIP antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 86808-1-RR against Human TRAIP were performed. The affinity constant is below 1 pM.