

For Research Use Only

# TRAIP Recombinant monoclonal antibody

Catalog Number: 86808-1-RR



## Basic Information

<b>Catalog Number:</b> 86808-1-RR	<b>GenBank Accession Number:</b> BC000310	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 10293	<b>CloneNo.:</b> 251370C8
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9BWF2	<b>Recommended Dilutions:</b> WB: 1:500-1:2000 IHC: 1:500-1:2000
<b>Immunogen Catalog Number:</b> AG0491	<b>Full Name:</b> TRAF interacting protein	
	<b>Calculated MW:</b> 53 kDa	
	<b>Observed MW:</b> 53 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : HeLa cells, A549 cells IHC : human breast cancer tissue,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

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

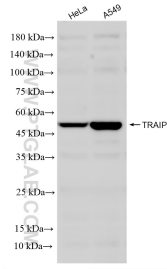
T: 4006900926

E: Proteintech-CN@ptglab.com

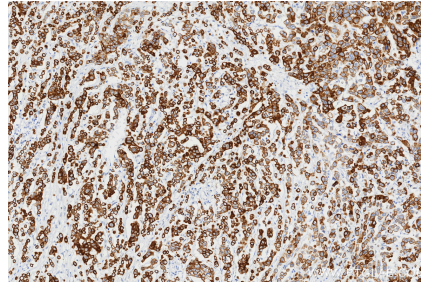
W: ptgcn.com

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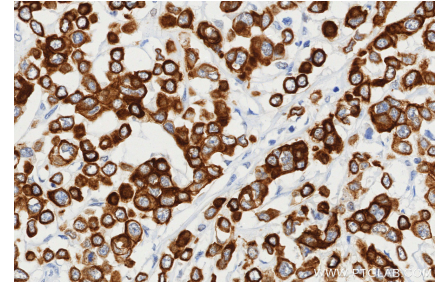
## Selected Validation Data



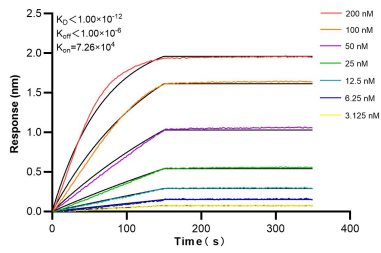
Various lysates were subjected to SDS PAGE followed by western blot with 86808-1-RR (TRAIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.