

For Research Use Only

TROAP Recombinant monoclonal antibody

Catalog Number: 86735-2-RR



Basic Information

Catalog Number: 86735-2-RR	GenBank Accession Number: BC032583	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10024	CloneNo.: 251538B10
Source: Rabbit	UNIPROT ID: Q12815	Recommended Dilutions: WB: 1:1000-1:6000
Isotype: IgG	Full Name: trophinin associated protein (tastin)	
Immunogen Catalog Number: AG4562	Calculated MW: 778 aa, 84 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, HeLa cells, PANC-1 cells, SK-BR-3 cells
Species Specificity: human	

Background Information

TROAP, also known as tastin, was first cloned from human epithelial cells in 1995. It as a cytoplasmic protein is composed of 778 amino acid residues and contains potential phosphorylation sites for protein kinases. TROAP highly expresses in bone marrow, testis and thymus, and is involved in centrosome integrity and spindle assembly during mitosis (PMID: 33500384). TROAP has been shown to promote some tumor progressions, such as those of breast and colorectal cancers (PMID: 33692939).

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

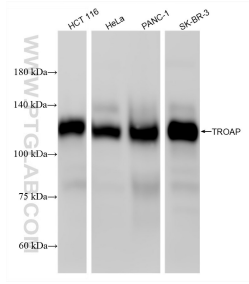
For technical support and original validation data for this product please contact:

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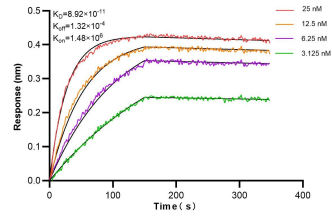
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86735-2-RR (TROAP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86735-2-RR against Human TROAP were performed. The affinity constant is 89.2 pM.