

TRIM29 Recombinant antibody

Catalog Number: 86496-1-RR

Basic Information

Catalog Number: 86496-1-RR	GenBank Accession Number: BC017352	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23650	CloneNo.: 251298E11
Source: Rabbit	UNIPROT ID: Q14134	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: tripartite motif-containing 29	
Immunogen Catalog Number: AG11600	Calculated MW: 588 aa, 66 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : BxPC-3 cells, HT-29 cells, HaCaT cells, BGC-823 cells, A431 cells
Species Specificity: human	

Background Information

TRIM29 (Tripartite motif-containing protein 29) is also named as ATDC (Ataxia telangiectasia group D-associated protein). ATDC protein physically interacted with the intermediate filament protein vimentin, a protein kinase C substrate and colocalizing protein, and with an inhibitor of protein kinase C, PKC11 (PMID:7644499). Knockdown of TRIM29 in airway epithelial cells enhances type I interferon production, and in human nasopharyngeal carcinoma cells results in almost complete Epstein-Barr virus clearance. TRIM29 is also highly induced by cytosolic double-stranded DNA in myeloid dendritic cells (PMID: 29038422). Western detected both full-length TRIM29 (65 kDa) and a truncated variant of TRIM29 with a molecular weight of about 50 kDa (PMID: 26095369).

Storage

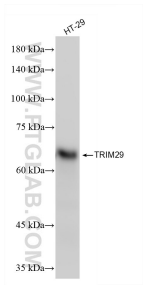
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

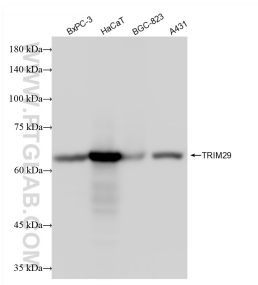
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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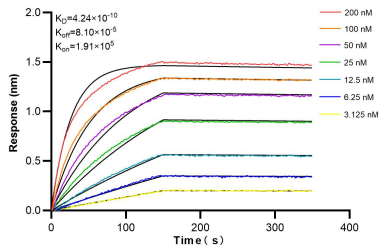
Selected Validation Data



HT-29 cells were subjected to SDS PAGE followed by western blot with 86496-1-RR (TRIM29 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 86496-1-RR (TRIM29 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86496-1-RR against Human TRIM29 were performed. The affinity constant is 0.424 nM.