

For Research Use Only

TRIM47 Recombinant monoclonal antibody

Catalog Number: 86728-1-RR



Basic Information

Catalog Number: 86728-1-RR	GenBank Accession Number: BC017299	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 91107	CloneNo.: 251436A2
Isotype: IgG	UNIPROT ID: Q96LD4	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG22868	Full Name: tripartite motif-containing 47	
	Calculated MW: 638 aa, 70 kDa	
	Observed MW: 70-75 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HeLa cells, mouse colon tissue, OVCAR-3 cells, U2OS cells, SMMC-7721 cells, PC-3 cells, rat colon tissue

Background Information

TRIM47/GOA is a member of the tripartite motif RBCC/Trim domain family that contains a RING-finger domain, B-boxes, and an alpha-helical coiled-coil region. TRIM47/GOA was identified as a protein overexpressed in astrocytoma tumor cells and is thought to play a role in dedifferentiation associated with tumorigenesis. TRIM47, defined as E3 ubiquitin ligases, physically binds to SMAD4 and enhances the ubiquitination and degradation of SMAD4 (PMID: 39117713, 35513381).

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:

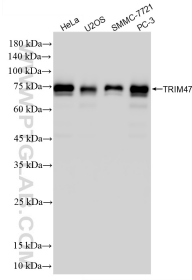
T: 4006900926

E: Proteintech-CN@ptglab.com

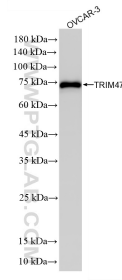
W: ptgcn.com

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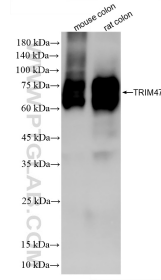
Selected Validation Data



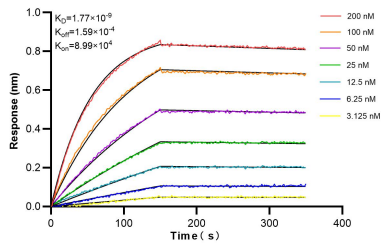
Various lysates were subjected to SDS PAGE followed by western blot with 86728-1-RR (TRIM47 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



OVCAR-3 cells were subjected to SDS PAGE followed by western blot with 86728-1-RR (TRIM47 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 86728-1-RR (TRIM47 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86728-1-RR against Human TRIM47 were performed. The affinity constant is 1.77 nM.