

For Research Use Only

LAMTOR4 Polyclonal antibody, PBS Only

Catalog Number: 32958-1-PBS



Basic Information

Catalog Number: 32958-1-PBS	GenBank Accession Number: BC130553	Purification Method: Antigen affinity Purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 389541	
Source: Rabbit	UNIPROT ID: Q0VGL1	
Isotype: IgG	Full Name: chromosome 7 open reading frame 59	
Immunogen Catalog Number: AG39105	Calculated MW: 11 kDa	
	Observed MW: 11 kDa	

Applications

Tested Applications:
WB, IP, Indirect ELISA

Species Specificity:
human

Background Information

Late endosomal/lysosomal adaptor and MAPK and MTOR activator 4 (LAMTOR4) is a protein belonging to the LAMTOR family and believed to be involved in cell cycle, proliferation, and growth (PMID: 29138253). LAMTOR4 has been reported as a regulator complex that acts as an activator of rapamycin complex 1 (mTORC1) by sensing changes in the levels of amino acids (PMID: 33429026). It might offer a strategy to inhibit tumor progression and metastasis in prostate cancer (PMID: 39125671).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

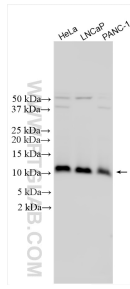
For technical support and original validation data for this product please contact:

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

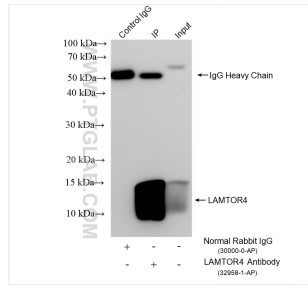
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32958-1-AP (LAMTOR4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32958-1-PBS in a different storage buffer formulation.



IP result of anti-LAMTOR4 (IP:32958-1-AP, 4ug; Detection:32958-1-AP 1:1000) with HeLa cells lysate 1600 ug. This data was developed using the same antibody clone with 32958-1-PBS in a different storage buffer formulation.