

For Research Use Only

# LAMTOR4 Polyclonal antibody

Catalog Number: 32958-1-AP



## Basic Information

<b>Catalog Number:</b> 32958-1-AP	<b>GenBank Accession Number:</b> BC130553	<b>Purification Method:</b> Antigen affinity Purification
<b>Concentration:</b> 450 ug/ml	<b>GeneID (NCBI):</b> 389541	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q0VGL1	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 7 open reading frame 59	
<b>Immunogen Catalog Number:</b> AG39105	<b>Calculated MW:</b> 11 kDa	
	<b>Observed MW:</b> 11 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, LNCaP cells, PANC-1 cells
<b>Species Specificity:</b> 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 -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:

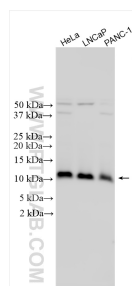
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## Selected Validation Data



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.