

For Research Use Only

C10orf76 Polyclonal antibody

Catalog Number:33627-1-AP



Basic Information

Catalog Number: 33627-1-AP	GenBank Accession Number: NM_024541.2	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 79591	Recommended Dilutions: WB: 1:500-1:1000
Isotype: IgG	UNIPROT ID: Q5T2E6	
Immunogen Catalog Number: AG38164	Full Name: chromosome 10 open reading frame 76	
	Calculated MW: 79kDa, 689aa	
	Observed MW: 70-79 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, MCF-7 cells
Species Specificity: human	

Background Information

C10orf76, also known as ARMH3 (Armadillo-like helical domain-containing protein 3), was previously reported to be a regulator of phosphatidylinositol 4-kinase beta (PI4KB, also known as PI4KIIIbeta) at the TGN. Upon cGAMP-triggered translocation, ARMH3 interacted with STING at the Golgi and recruited phosphatidylinositol 4-kinase beta (PI4KB) to synthesize PI4P, which directed STING Golgi-to-endosome trafficking via PI4P-binding proteins AP-1 and GGA2 (PMID: 39580461, 36921576).

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:

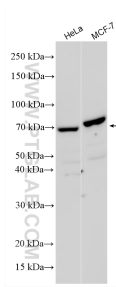
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33627-1-AP (C10orf76 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.