

For Research Use Only

# C10orf76 Polyclonal antibody, PBS Only

Catalog Number: 33627-1-PBS



## Basic Information

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

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

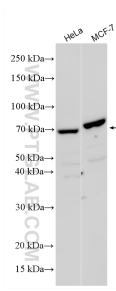
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 33627-1-PBS in a different storage buffer formulation.