

For Research Use Only

# C10orf76 Polyclonal antibody, PBS Only

Catalog Number:33627-1-PBS



## Basic Information

**Catalog Number:**

33627-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG38164

**GenBank Accession Number:**

NM\_024541.2

**GeneID (NCBI):**

79591

**UNIPROT ID:**

Q5T2E6

**Full Name:**

chromosome 10 open reading frame 76

**Calculated MW:**

79kDa 689aa

**Observed MW:**

70-79 kDa

**Purification Method:**

Antigen affinity Purification

## 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.

**Storage Buffer:**

PBS only, pH7.3

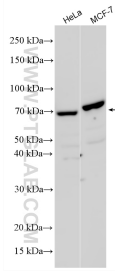
For technical support and original validation data for this product please contact:

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