

For Research Use Only

# ATP6VOA1 Recombinant antibody, PBS Only

Catalog Number: 85596-4-PBS



## Basic Information

Catalog Number:

85596-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4191

GenBank Accession Number:

BC032398

GeneID (NCBI):

535

UNIPROT ID:

Q93050

Full Name:

ATPase, H<sup>+</sup> transporting, lysosomal  
VO subunit a1

Calculated MW:

837 aa, 96 kDa

Observed MW:

116 kDa

Purification Method:

Protein A purification

CloneNo.:

243049G11

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation (PMID: 7774924 34904569).

## 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:

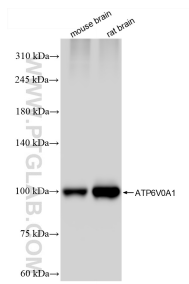
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85596-4-RR (ATP6V0A1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85596-4-PBS in a different storage buffer formulation.