

For Research Use Only

ATP6VOA1 Recombinant antibody, PBS Only

Catalog Number: 85596-4-PBS



Basic Information

Catalog Number:

85596-4-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4191

GenBank Accession Number:

BC032398

GeneID (NCBI):

535

UNIPROT ID:

Q93050

Full Name:

ATPase, H⁺ transporting, lysosomal V0 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.

Storage Buffer:

PBS only, pH7.3

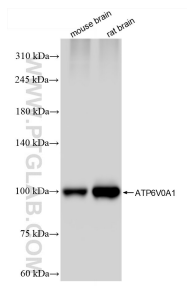
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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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.