

For Research Use Only

ATP6VOA1 Recombinant antibody

Catalog Number: 85596-4-RR



Basic Information

Catalog Number:

85596-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4191

GenBank Accession Number:

BC032398

GeneID (NCBI):

535

UNIPROT ID:

Q93050

Full Name:

ATPase, H⁺ transporting, lysosomal

VO subunit a1

Calculated MW:

837 aa, 96 kDa

Observed MW:

116 kDa

Purification Method:

Protein A purification

CloneNo.:

243049G11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

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 -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:

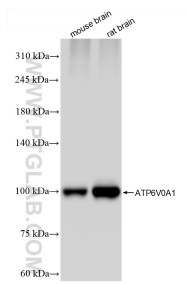
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.