

For Research Use Only

ATP6V1H Polyclonal antibody

Catalog Number: 26683-1-AP

12 Publications



Basic Information

Catalog Number:

26683-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24688

GenBank Accession Number:

BC025275

GeneID (NCBI):

51606

UNIPROT ID:

Q9UI12

Full Name:

ATPase, H⁺ transporting, lysosomal 50/57kDa, V1 subunit H

Calculated MW:

483 aa, 56 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

Background Information

The vacuolar-type H⁺-ATPase (V-ATPase) is responsible for the acidification of endosomes, lysosomes, and other intracellular organelles. It is also involved in hydrogen ion transport across the plasma membrane into the extracellular space. The V-ATPase is a multisubunit complex with cytosolic and transmembrane domains.

Notable Publications

Author	Pubmed ID	Journal	Application
Jong-Jer Lee	31672277	Biochem Biophys Res Commun	WB
Vishwanatha K Rao	30317586	J Cell Physiol	WB
Zhenxing Zhang	35662396	Mol Cell	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

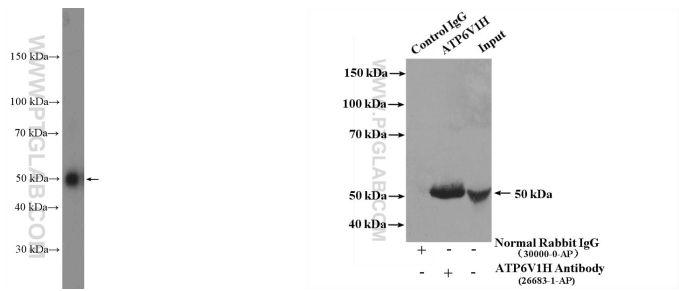
For technical support and original validation data for this product please contact:

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 26683-1-AP (ATP6V1H Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

IP result of anti-ATP6V1H (IP:26683-1-AP, 4ug; Detection:26683-1-AP 1:300) with mouse brain tissue lysate 3000ug.