

For Research Use Only

# ATP6V1H Polyclonal antibody

Catalog Number: 26683-1-AP **9 Publications**



## Basic Information

<b>Catalog Number:</b> 26683-1-AP	<b>GenBank Accession Number:</b> BC025275	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51606	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
<b>Source:</b> Rabbit	<b>Full Name:</b> ATPase, H+ transporting, lysosomal 50/57kDa, V1 subunit H	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 483 aa, 56 kDa	
<b>Immunogen Catalog Number:</b> AG24688	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue IP : mouse brain tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat, mouse	

## 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

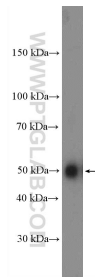
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

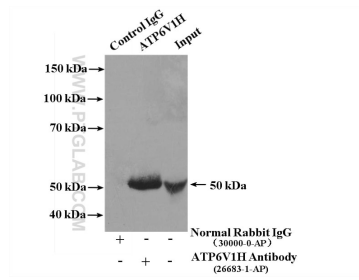
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



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.