

For Research Use Only

# ATP6V1G2 Polyclonal antibody

Catalog Number: 25316-1-AP

3 Publications



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>25316-1-AP  | <b>GenBank Accession Number:</b><br>BC119726   | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>150ul , Concentration: 1000 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>534   | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000<br>IHC 1:20-1:200 |
| <b>Source:</b><br>Rabbit  | <b>Full Name:</b><br>ATPase, H <sup>+</sup> transporting, lysosomal 13kDa, V1 subunit G2 |  |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>118 aa, 14 kDa  |  |
| <b>Immunogen Catalog Number:</b><br>AG18007   | <b>Observed MW:</b><br>14 kDa  |  |

## Applications

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

**Note-IHC:** suggested antigen retrieval with **TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### Notable Publications

| Author          | Pubmed ID | Journal       | Application |
|-----------------|-----------|---------------|-------------|
| Tomas Doyle     | 30478388  | Nat Microbiol | WB          |
| Irene Bertolini | 30737083  | EBioMedicine  | WB          |
| Andrea Terrasi  | 30737087  | EBioMedicine  | WB          |

## Storage

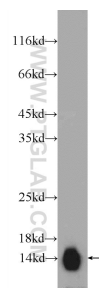
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

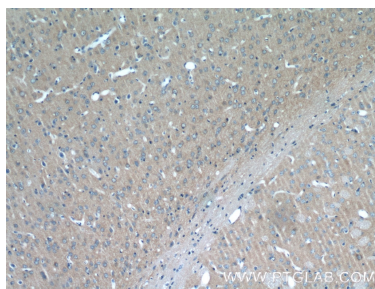
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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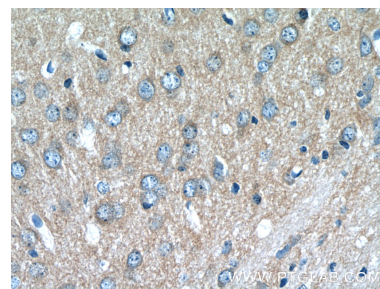
## Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 25316-1-AP (ATP6V1G2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25316-1-AP (ATP6V1G2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25316-1-AP (ATP6V1G2 Antibody) at dilution of 1:50 (under 40x lens).