

For Research Use Only

# VAT1 Polyclonal antibody

Catalog Number: 22016-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 22016-1-AP	<b>GenBank Accession Number:</b> BC015041	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 400 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10493	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> vesicle amine transport protein 1 homolog (T. californica)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 42 kDa	
<b>Immunogen Catalog Number:</b> AG16652	<b>Observed MW:</b> 42-50 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Cited Applications:

IHC, WB

### Species Specificity:

human, rat, mouse

### Cited Species:

human

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

### Positive Controls:

**WB:** C6 cells, Jurkat cells, MCF-7 cells, SH-SY5Y cells, mouse brain tissue, rat brain tissue

**IHC:** human gliomas tissue, human brain tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Pei Yang	33576871	Cancer Immunol Immunother	IHC, WB
Xia Shan	31524269	Oncol Rep	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**

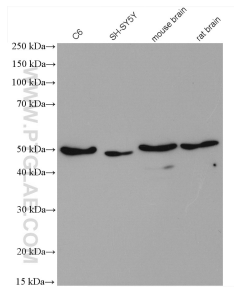
For technical support and original validation data for this product please contact:

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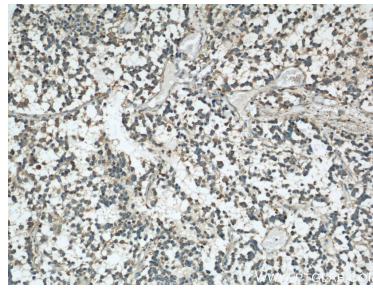
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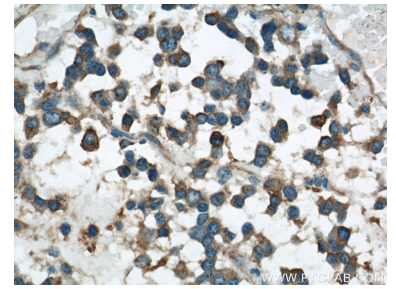
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22016-1-AP (VAT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 22016-1-AP (VAT1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas using 22016-1-AP (VAT1 antibody) at dilution of 1:50 (under 40x lens).