

For Research Use Only

# VAT1 Monoclonal antibody

Catalog Number: 67474-1-Ig

Featured Product



## Basic Information

Catalog Number:

67474-1-Ig

Size:

150ul, Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG29812

GenBank Accession Number:

BC015041

GeneID (NCBI):

10493

UNIPROT ID:

Q99536

Full Name:

vesicle amine transport protein 1 homolog (T. californica)

Calculated MW:

42 kDa

Observed MW:

42-50 kDa

Purification Method:

Protein G purification

CloneNo.:

2C8A7

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat, pig

**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 : HSC-T6 cells, HepG2 cells, PC-12 cells, NIH/3T3 cells, pig brain tissue, rat brain tissue, mouse brain tissue

IHC : mouse pancreas tissue,

## 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

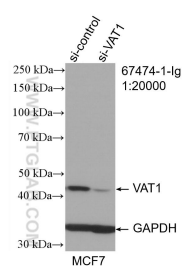
For technical support and original validation data for this product please contact:

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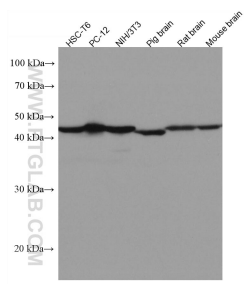
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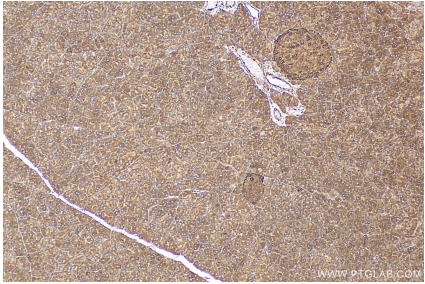
Selected Validation Data



WB result of VAT1 antibody (67474-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-VAT1 transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 67474-1-Ig (VAT1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 67474-1-Ig (VAT1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).