

For Research Use Only

VEZT Polyclonal antibody

Catalog Number: 17684-1-AP



Basic Information

Catalog Number:

17684-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11786

GenBank Accession Number:

BC064939

GeneID (NCBI):

55591

UNIPROT ID:

Q9HBM0

Full Name:

vezatin, adherens junctions transmembrane protein

Calculated MW:

731 aa, 83 kDa

Observed MW:

89 kDa, 125 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Species Specificity:

human, mouse, rat

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: mouse eye tissue, human brain tissue, mouse brain tissue

IP: mouse brain tissue,

IHC: mouse brain tissue,

Background Information

Vezatin (VEZT) is an adherens junctions transmembrane protein which identified as a putative tumor suppressor. In case of Listeria infection, it promotes bacterial internalization by participating in myosin VIIa recruitment to the entry site. There're two isoforms with calculated MW 89 kDa and 65 kDa. With modification or glycosylation, the MW in Western blot detection will be presented as ~125 kDa and ~89 kDa (PMID: 11080149) or 65-71 kDa and 88-100 kDa (PMID: 20049712). There're some isoforms with MW less than 70 kDa.

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

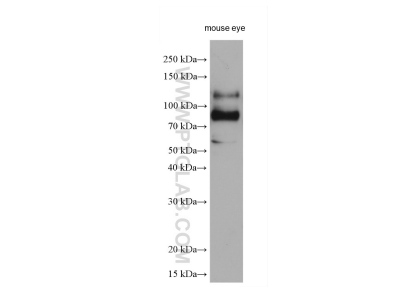
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

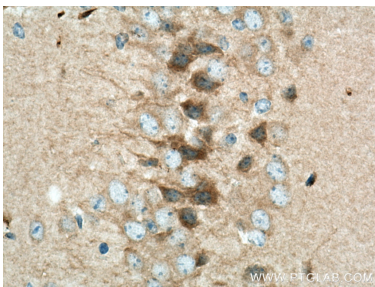
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



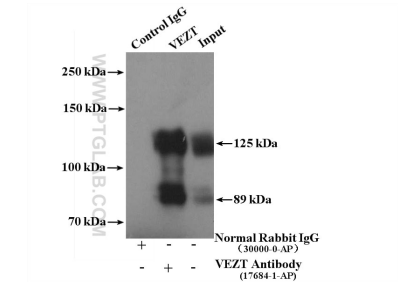
mouse eye tissue were subjected to SDS PAGE followed by western blot with 17684-1-AP (VEZT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17684-1-AP (VEZT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17684-1-AP (VEZT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-VEZT (IP:17684-1-AP, 4ug; Detection:17684-1-AP 1:500) with mouse brain tissue lysate 4400ug.