

# VEZT Polyclonal antibody

Catalog Number: 17684-1-AP

## Basic Information

**Catalog Number:**

17684-1-AP

**Size:**

600 µg/ml

**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 µg for 1.0-3.0 mg of total  
protein lysate

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, 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:**

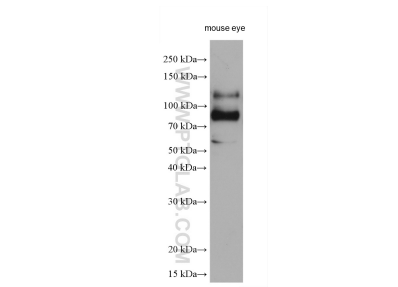
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

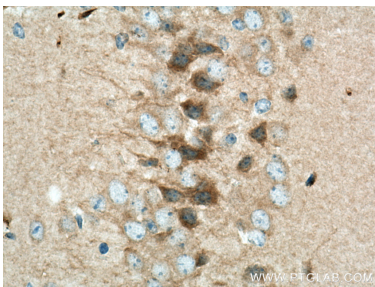
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

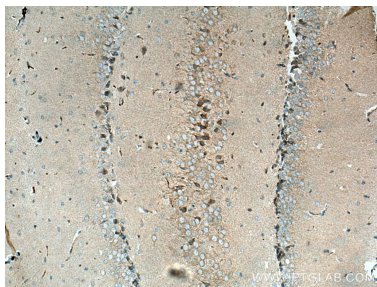
Selected Validation Data



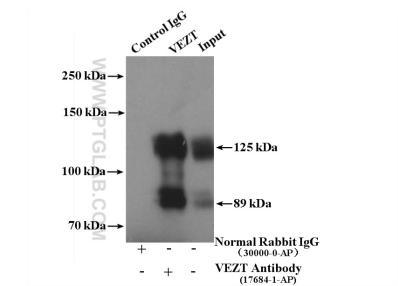
mouse eye tissue were subjected to SDS PAGE followed by western blot with 17684-1-AP (VEZT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.