

For Research Use Only

# VILIP-1 Polyclonal antibody

Catalog Number: 13919-1-AP

2 Publications



## Basic Information

### Catalog Number:

13919-1-AP

### Size:

150ul, Concentration: 1500 ug/ml by Nanodrop and 627 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4923

### GenBank Accession Number:

BC022012

### GeneID (NCBI):

7447

### UNIPROT ID:

P62760

### Full Name:

visinin-Like 1

### Calculated MW:

22 kDa

### Observed MW:

22-24 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:5000-1:50000

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

IHC 1:1000-1:4000

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 brain tissue, mouse tongue tissue, human brain tissue, rat brain tissue, HeLa cells, mouse cerebellum tissue

IP : mouse brain tissue,

IHC : Human bowens disease,

IF/ICC : HeLa cells,

## Notable Publications

| Author               | Pubmed ID | Journal             | Application |
|----------------------|-----------|---------------------|-------------|
| Anna Sancho-Balsells | 32477064  | Front Cell Neurosci | WB          |
| Martina P Liebl      | 24742816  | Free Radic Biol Med | WB,IF       |

## 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

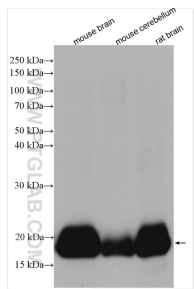
For technical support and original validation data for this product please contact:

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

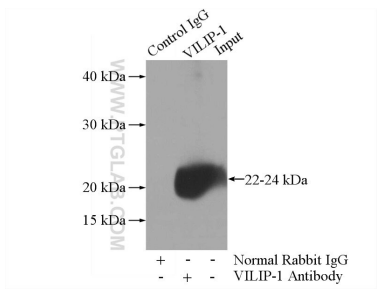
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

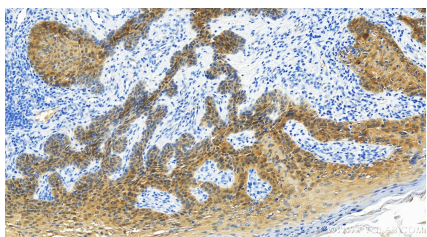
Selected Validation Data



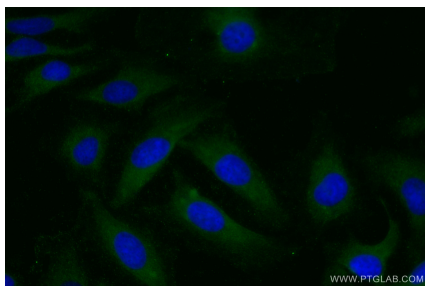
Various lysates were subjected to SDS PAGE followed by western blot with 13919-1-AP (VILIP-1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-VILIP-1 (IP:13919-1-AP, 3ug; Detection:13919-1-AP 1:1000) with mouse brain tissue lysate 2640ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 13919-1-AP (VILIP-1 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using VILIP-1 antibody (13919-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).