

For Research Use Only

# Synaptotagmin-4 Polyclonal antibody

Catalog Number: 12642-1-AP

2 Publications



## Basic Information

### Catalog Number:

12642-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3338

### GenBank Accession Number:

BC036538

### GeneID (NCBI):

6860

### UNIPROT ID:

Q9H2B2

### Full Name:

synaptotagmin IV

### Calculated MW:

425 aa, 48 kDa

### Observed MW:

45-48 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB : human brain tissue,

IHC : human gliomas tissue,

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Shinji Kudoh	32170367	Histochem Cell Biol	IHC
Yidan Xu	37172727	J Biol Chem	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

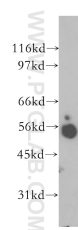
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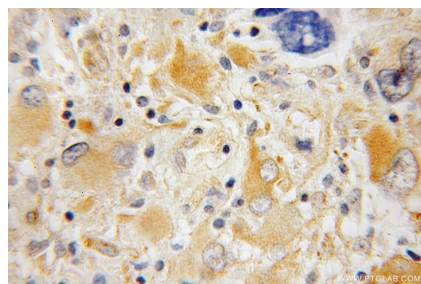
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## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 12642-1-AP (Synaptotagmin-4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 12642-1-AP (Synaptotagmin-4 antibody) at dilution of 1:100 (under 10x lens).