

For Research Use Only

# Synaptotagmin-11 Polyclonal antibody

Catalog Number: 12031-1-AP

1 Publications



## Basic Information

### Catalog Number:

12031-1-AP

### Size:

150ul , Concentration: 400 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2663

### GenBank Accession Number:

BC013690

### GeneID (NCBI):

23208

### UNIPROT ID:

Q9BT88

### Full Name:

synaptotagmin XI

### Calculated MW:

431 aa, 48 kDa

### Observed MW:

48 kDa 96 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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 : rat brain tissue, mouse skeletal muscle tissue, mouse brain tissue

IHC : mouse brain tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Zechen Yan	38526709	Biochem Genet	IHC

## 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

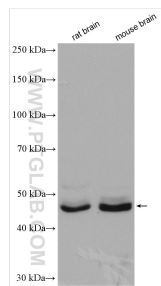
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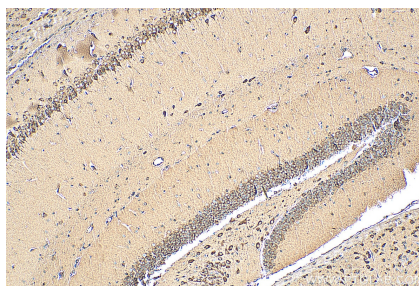
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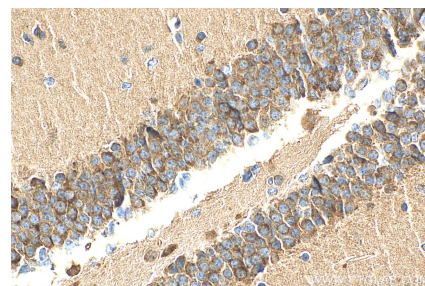
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12031-1-AP (Synaptotagmin-11 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12031-1-AP (Synaptotagmin-11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12031-1-AP (Synaptotagmin-11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).