

For Research Use Only

# Synaptotagmin-11 Polyclonal antibody



Catalog Number: 12031-1-AP

1 Publications

## Basic Information

Catalog Number:

12031-1-AP

Size:

400 µg/ml

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:

IHC, WB, 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,

## Background Information

### 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

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

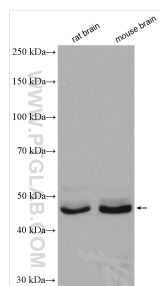
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

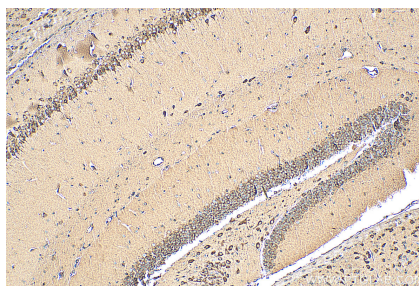
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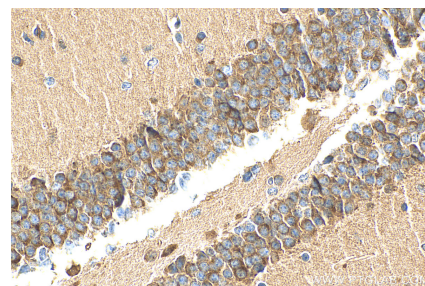
## Selected Validation Data



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).