

For Research Use Only

# Synaptoporin Polyclonal antibody

Catalog Number: 14143-1-AP

2 Publications



## Basic Information

**Catalog Number:**

14143-1-AP

**Size:**

150ul, Concentration: 350 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG5307

**GenBank Accession Number:**

BC022518

**GeneID (NCBI):**

132204

**UNIPROT ID:**

Q8TBG9

**Full Name:**

synaptoporin

**Calculated MW:**

265 aa, 29 kDa

**Observed MW:**

37 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

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

IHC 1:200-1:800

## Applications

**Tested Applications:**

WB, IP, IHC, ELISA

**Cited Applications:**

IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

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, human brain tissue, mouse cerebellum tissue, rat brain tissue

**IP:** mouse brain tissue,

**IHC:** mouse brain tissue, human colon tissue, human gliomas tissue, human brain tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Luisa Speranza	36359212	Biomedicines	IF
Limin Ma	37302990	CNS Neurosci Ther	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

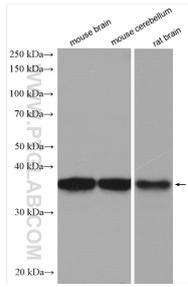
For technical support and original validation data for this product please contact:

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

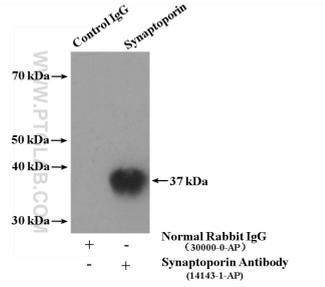
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



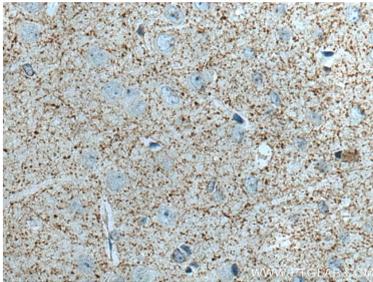
Various lysates were subjected to SDS PAGE followed by western blot with 14143-1-AP (Synaptopodin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-Synaptopodin (IP: 14143-1-AP, 4ug; Detection: 14143-1-AP 1:500) with mouse brain tissue lysate 5200ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14143-1-AP (Synaptopodin antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14143-1-AP (Synaptopodin antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).