

For Research Use Only

# SYN2 Polyclonal antibody

Catalog Number: 16573-1-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 16573-1-AP	<b>GenBank Accession Number:</b> BC051307	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 240 µg/ml by Nanodrop and 153 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6854	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q92777	
<b>Isotype:</b> IgG	<b>Full Name:</b> synapsin II	
<b>Immunogen Catalog Number:</b> AG9855	<b>Calculated MW:</b> 582 aa, 63 kDa	
	<b>Observed MW:</b> 70 kDa, 55 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	

## Background Information

Synapsins (synapsin I, II, III) are a family of synaptic vesicle phosphoproteins that have been implicated in modulation of neurotransmitter release and in synaptogenesis. Synapsin II (SYN2) is composed of two isoforms, synapsin IIa and IIb.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tingfu Du	33775831	Brain Behav Immun	WB
Zhili Ren	37536627	Eur J Pharmacol	WB
Min Wang	38292191	Genes Dis	WB

## Storage

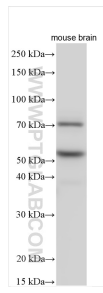
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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



mouse brain tissue was subjected to SDS PAGE followed by western blot with 16573-1-AP (SYN2 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.