

For Research Use Only

# SNCAIP Polyclonal antibody

Catalog Number: 17818-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 17818-1-AP	<b>GenBank Accession Number:</b> BC094759	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 900 ug/ml by Nanodrop and 373 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9627	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y6H5	
<b>Isotype:</b> IgG	<b>Full Name:</b> synuclein, alpha interacting protein	
<b>Immunogen Catalog Number:</b> AG12147	<b>Calculated MW:</b> 603aa, 67 kDa; 1016aa, 111 kDa	
	<b>Observed MW:</b> 100 kDa, 75 kDa	

## Applications

<b>Tested Applications:</b> WB, IP, IHC, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, fetal human brain tissue IP : mouse brain tissue, IHC : human kidney tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

SNCAIP, also named as Synphilin-1 or Alpha-synuclein-interacting protein, is a 919 amino acid protein, which contains six ANK repeats. SNCAIP is detected in brain and is widely expressed, with highest levels in brain, heart and placenta. SNCAIP localizes in the cytoplasm and inhibits the ubiquitin ligase activity of SIAH1 and inhibits proteasomal degradation of target proteins. SNCAIP has an association with Parkinson disease.

## Notable Publications

Author	Pubmed ID	Journal	Application
Takeo Shishido	30316984	Neurosci Lett	WB

## Storage

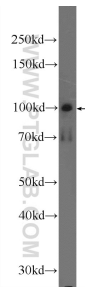
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

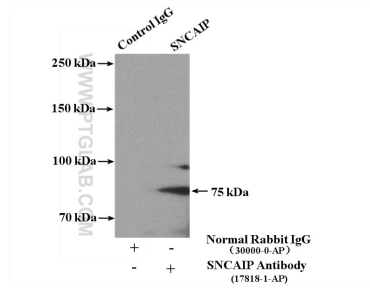
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

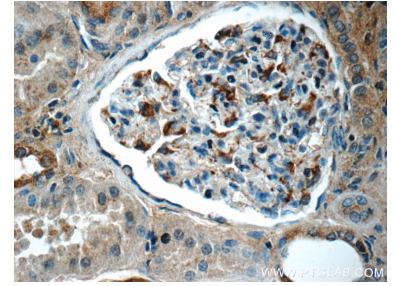
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17818-1-AP (SNCAIP Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-SNCAIP (IP:17818-1-AP, 4ug; Detection:17818-1-AP 1:300) with mouse brain tissue lysate 3600ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 17818-1-AP (SNCAIP Antibody) at dilution of 1:50 (under 40x lens).