## For Research Use Only

## **SNCAIP Polyclonal antibody**

Catalog Number: 17818-1-AP

1 Publications



**Basic Information** 

Catalog Number: 17818-1-AP

 Size:
 GeneID (NCBI):

 900 μ g/ml
 9627

 Source:
 UNIPROT ID:

Rabbit Q9Y6H5
Isotype: Full Name:

IgG synuclein, alpha interacting protein

Immunogen Catalog Number: Calculated MW:

AG12147 603aa,67 kDa; 1016aa,111 kDa

Observed MW: 100 kDa, 75 kDa

GenBank Accession Number:

BC094759

**Applications** 

Tested Applications: IHC, IP, WB, ELISA Cited Applications:

WB

Species Specificity: human, mouse 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

Purification Method:

Antigen affinity purification

Recommended Dilutions: 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

Positive Controls

WB: mouse brain tissue, fetal human brain tissue

IP: mouse brain tissue,
IHC: human kidney tissue,

## **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** 

AuthorPubmed IDJournalApplicationTakeo Shishido30316984Neurosci LettWB

Storage

Storage:

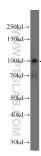
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

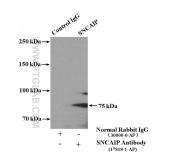
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

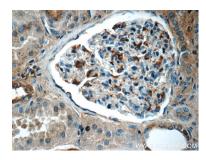
## **Selected Validation Data**



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