

For Research Use Only

SNAPIN Polyclonal antibody

Catalog Number: 10055-1-AP

13 Publications



Basic Information

Catalog Number:

10055-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0101

GenBank Accession Number:

BC000761

GeneID (NCBI):

23557

UNIPROT ID:

O95295

Full Name:

SNAP-associated protein

Calculated MW:

15 kDa

Observed MW:

15-18 kDa

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 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, 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 : A375 cells, HEK-293 cells, rat brain tissue

IP : mouse brain tissue,

IHC : human testis tissue, human brain tissue

IF/ICC : HepG2 cells,

Background Information

Snapiin, a protein of relative molecular weight of 15kd, is implicated in neurotransmission by binding to SNAP-25. Snapiin was enriched in neurons and exclusively located on synaptic vesicle membrane, which may be a PKA target for modulating transmitter release through the cAMP-dependent signal-transduction pathway. This antibody can recognize the 15-18kd(Monomer) and 30-36kd(Dimer) forms of SNAPIN.

Notable Publications

Author	Pubmed ID	Journal	Application
Przemysław A Filipek	28993467	J Cell Biol	WB
Kelsey Michelle Wells	35587649	Elife	WB
Mengxue Jiang	34194388	Front Endocrinol (Lausanne)	WB, IHC, 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

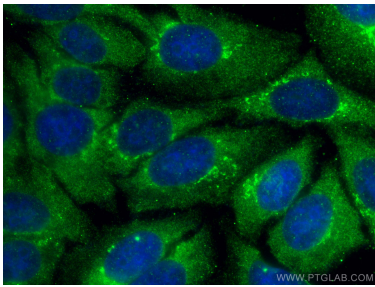
For technical support and original validation data for this product please contact:

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

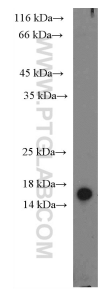
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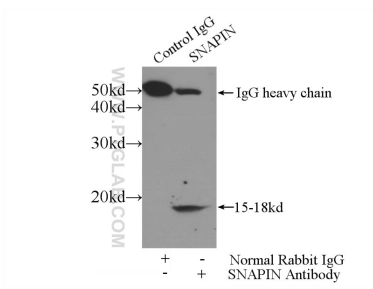
Selected Validation Data



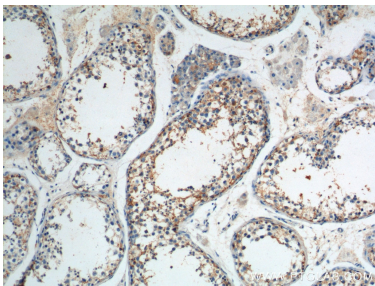
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SNAPIN antibody (10055-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



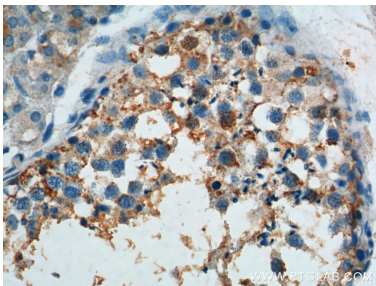
A375 cells were subjected to SDS PAGE followed by western blot with 10055-1-AP (SNAPIN Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-SNAPIN (IP:10055-1-AP, 5ug; Detection:10055-1-AP 1:300) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 10055-1-AP (SNAPIN Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 10055-1-AP (SNAPIN Antibody) at dilution of 1:200 (under 40x lens).