

SNAPIN Polyclonal antibody

Catalog Number: 10055-1-AP

13 Publications

Basic Information

Catalog Number: 10055-1-AP	GenBank Accession Number: BC000761	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23557	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 1:50-1:500
Source: Rabbit	Full Name: SNAP-associated protein	
Isotype: IgG	Calculated MW: 15 kDa	
Immunogen Catalog Number: AG0101	Observed MW: 15-18 kDa	

Applications

Tested Applications: FC, IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB : A375 cells, HEK-293 cells, rat brain tissue
Species Specificity: human, mouse, rat	IP : mouse brain tissue,
Cited Species: human, mouse	IHC : human testis tissue, human brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF : 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 Filipiek	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.

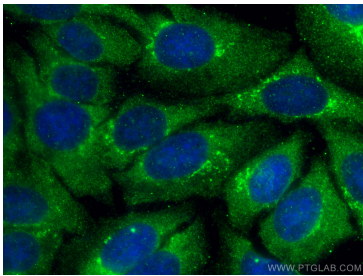
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

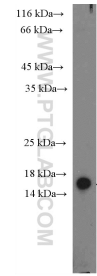
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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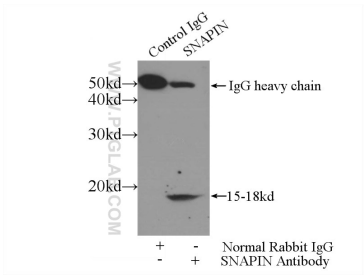
Selected Validation Data



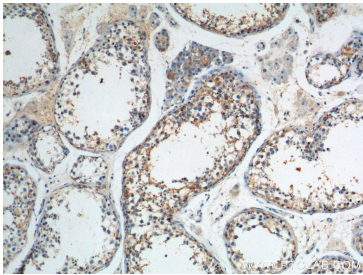
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SNAPIN antibody (10055-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



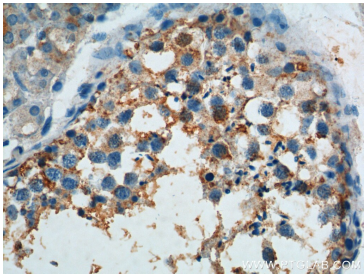
A375 cells were subjected to SDS PAGE followed by western blot with 10055-1-AP (SNAPIN Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



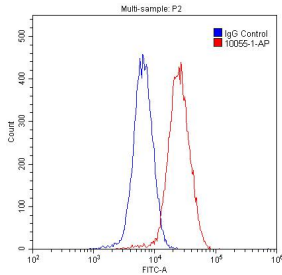
IP Result of anti-SNAPIN (IP:10055-1-AP, 5ug; Detection:10055-1-AP 1:300) with mouse brain tissue lysate 4000ug.



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).



1X10⁶ HepG2 cells were stained with 0.2ug SNAPIN antibody (10055-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.