

For Research Use Only

SNAP91 Polyclonal antibody

Catalog Number: 14093-1-AP

1 Publications



Basic Information

Catalog Number: 14093-1-AP	GenBank Accession Number: BC060818	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 9892	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	UNIPROT ID: O60641	IHC 1:50-1:500
Isotype: IgG	Full Name: synaptosomal-associated protein, 91kDa homolog (mouse)	IF-P 1:200-1:800
Immunogen Catalog Number: AG5224	Calculated MW: 92.5 kDa	
	Observed MW: 160 kDa	

Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IHC : mouse brain tissue,
Cited Species: pig	IF-P : mouse 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	

Background Information

SNAP91, also known as AP180 or CALM, is a clathrin-coat assembly protein that sequesters clathrin. SNAP91/AP180 is required for clathrin-dependent endocytosis and SV reformation (PMID: 26903854; PMID: 31843760). The AP180 N-terminal homology (ANTH) domains is crucially involved in membrane budding processes, along with and Epsin N-terminal homology (ENTH) domains (PMID: 29774507).

Notable Publications

Author	Pubmed ID	Journal	Application
Xin Chen	37254454	Emerg Microbes Infect	WB

Storage

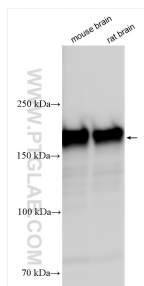
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

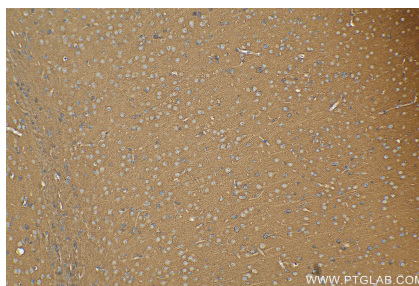
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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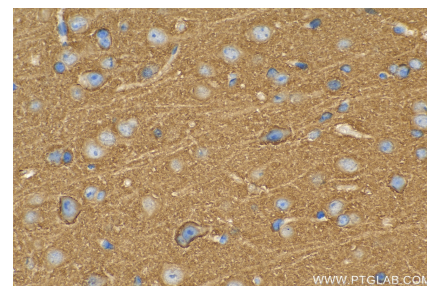
Selected Validation Data



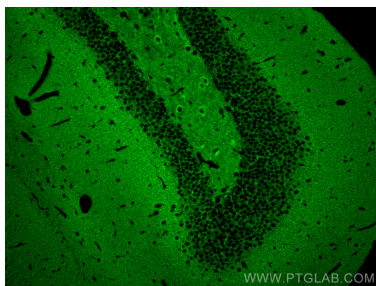
Various lysates were subjected to SDS PAGE followed by western blot with 14093-1-AP (SNAP91 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14093-1-AP (SNAP91 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14093-1-AP (SNAP91 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using SNAP91 antibody (14093-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).