

For Research Use Only

# Alpha SNAP Polyclonal antibody

Catalog Number: 10546-1-AP



## Basic Information

<b>Catalog Number:</b> 10546-1-AP	<b>GenBank Accession Number:</b> BC007432	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 550 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8775	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:300-1:1200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P54920	
<b>Isotype:</b> IgG	<b>Full Name:</b> N-ethylmaleimide-sensitive factor attachment protein, alpha	
<b>Immunogen Catalog Number:</b> AG0836	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, HepG2 cells, mouse brain tissue, rat brain tissue
<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>	<b>IHC :</b> mouse brain tissue,

## Background Information

SNAPs (soluble NSF-attachment proteins) may play an important role in the process of docking and fusion of vesicles to their target membranes, according to the 'SNARE hypothesis'. NAPA(Alpha- SNAP) was found in a wide range of tissues and act synergistically in intra-Golgi transport. This antibody recognizes a 33kd protein in SDS page.

## Storage

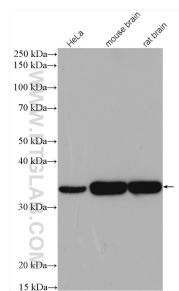
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

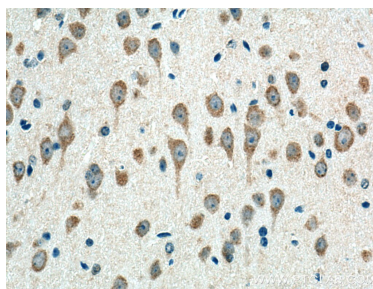
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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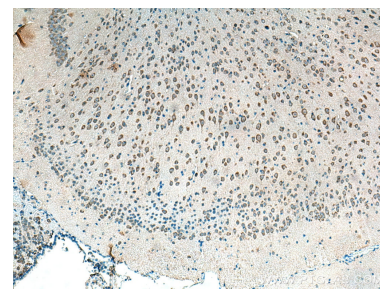
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10546-1-AP (alpha-SNAP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10546-1-AP (Alpha SNAP antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10546-1-AP (Alpha SNAP antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).