

For Research Use Only

# SCAMP1 Polyclonal antibody

Catalog Number: 15327-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 15327-1-AP	<b>GenBank Accession Number:</b> BC034048	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 500 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9522	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> secretory carrier membrane protein 1	<b>Calculated MW:</b> 38 kDa
<b>Isotype:</b> IgG	<b>Observed MW:</b> 37 kDa	<b>IHC 1:50-1:500</b>
<b>Immunogen Catalog Number:</b> AG3258		

## Applications

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

### Notable Publications

Author	Pubmed ID	Journal	Application
Jayakumar Vadakekolathu	29497041	Cell Death Dis	IHC
Feiyu Mao	33493138	Aging (Albany NY)	WB
Tanzeel Yousaf	35216324	Int J Mol Sci	WB,IP

## Storage

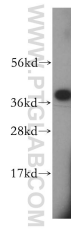
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

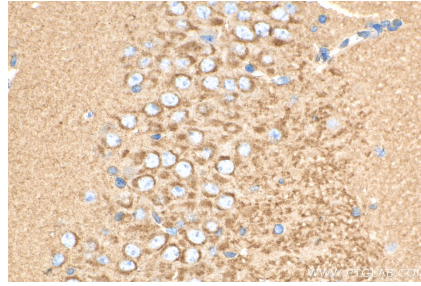
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

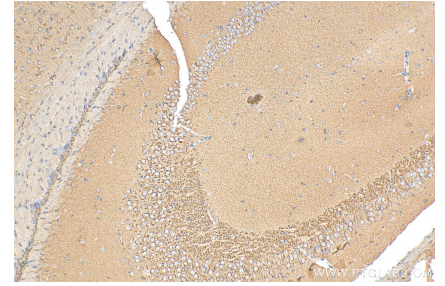
## Selected Validation Data



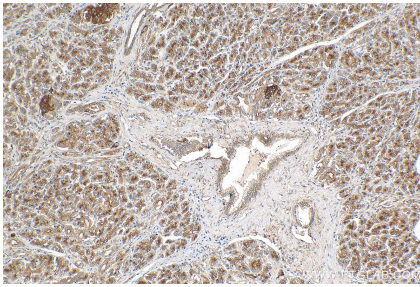
mouse brain tissue were subjected to SDS PAGE followed by western blot with 15327-1-AP (SCAMP1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



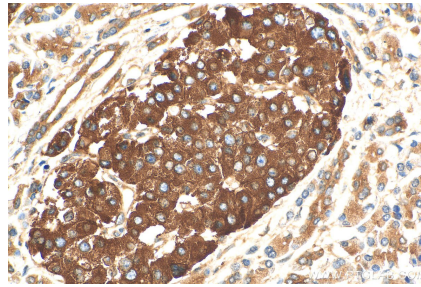
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15327-1-AP (SCAMP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



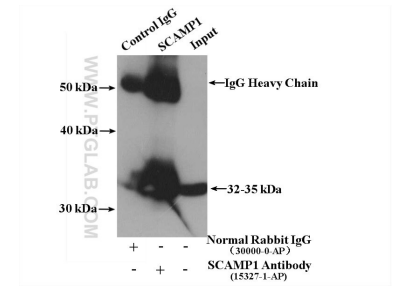
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 15327-1-AP (SCAMP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 15327-1-AP (SCAMP1 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 human pancreas cancer tissue slide using 15327-1-AP (SCAMP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-SCAMP1 (IP:15327-1-AP, 4ug; Detection:15327-1-AP 1:1000) with mouse brain tissue lysate 3200 ug.