

For Research Use Only

# SGSM1 Polyclonal antibody

Catalog Number: 21395-1-AP



## Basic Information

<b>Catalog Number:</b> 21395-1-AP	<b>GenBank Accession Number:</b> BC111698	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 800 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 129049	<b>Recommended Dilutions:</b> WB 1:300-1:600 IHC 1:50-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> small G protein signaling modulator 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1148 aa, 130 kDa	
<b>Immunogen Catalog Number:</b> AG16070	<b>Observed MW:</b> 130 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB: mouse testis tissue, IHC: mouse skin tissue,
<b>Species Specificity:</b> human, mouse	
<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>	

## Background Information

### Storage

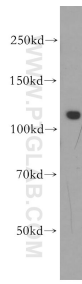
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

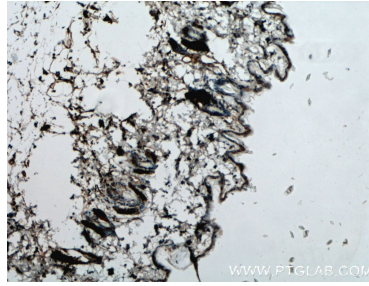
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

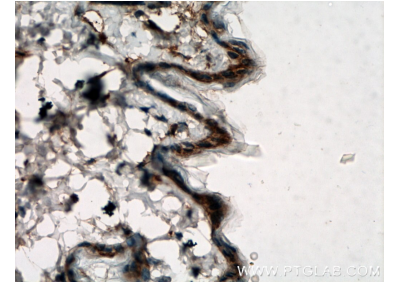
## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 21395-1-AP (SGSM1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 21395-1-AP (SGSM1 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 skin tissue slide using 21395-1-AP (SGSM1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).