

For Research Use Only

SGSM3 Polyclonal antibody

Catalog Number: 20825-1-AP **4 Publications**



Basic Information

Catalog Number: 20825-1-AP	GenBank Accession Number: BC008078	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27352	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000
Source: Rabbit	Full Name: small G protein signaling modulator 3	for WB IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG	Calculated MW: 749 aa, 85 kDa	
Immunogen Catalog Number: AG14800	Observed MW: 85 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: fetal human brain tissue, L02 cells, mouse brain tissue, mouse testis tissue
Species Specificity: human, mouse	IP: mouse brain tissue,
Cited Species: mouse	IHC: human heart tissue, human spleen 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: HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Shu Hiragi	36197338	J Cell Biol	WB
Ermes Candiello	27411398	Sci Rep	WB
Yuyi Huang	32410874	Mediators Inflamm	WB

Storage

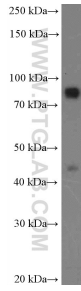
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

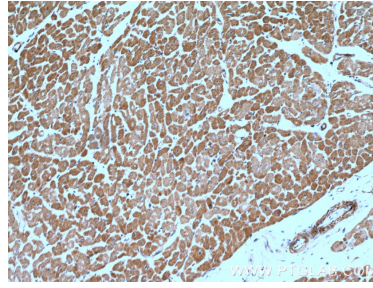
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

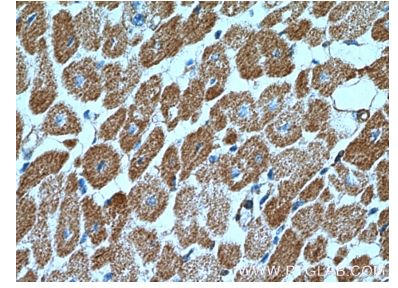
Selected Validation Data



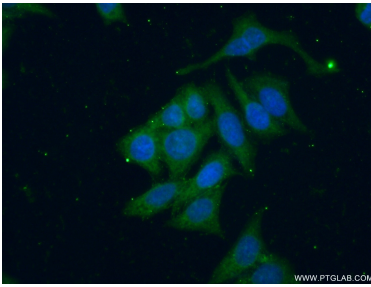
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 20825-1-AP (SGSM3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



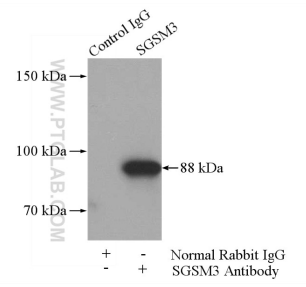
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 20825-1-AP (SGSM3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 20825-1-AP (SGSM3 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 20825-1-AP (SGSM3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-SGSM3 (IP:20825-1-AP, 4ug; Detection:20825-1-AP 1:600) with mouse brain tissue lysate 3440ug.