

For Research Use Only

Secretogranin II Polyclonal antibody

Catalog Number: 20357-1-AP

10 Publications



Basic Information

Catalog Number: 20357-1-AP	GenBank Accession Number: BC022509	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 7857	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P13521	
Isotype: IgG	Full Name: secretogranin II (chromogranin C)	
Immunogen Catalog Number: AG14215	Calculated MW: 617 aa, 71 kDa	
	Observed MW: 71 kDa	

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Cited Applications:

WB, IF, IHC, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : SH-SY5Y cells,

IHC : mouse pancreas tissue, human prostate cancer tissue

IF : mouse pancreas tissue,

Background Information

SCG2, also known as secretogranin II or Chromogranin C, is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is widely distributed in nervous and endocrine tissues, and abundant in neuroendocrine granules. In the brain secretogranin II is almost completely processed to secretoneurin, a peptide involved in neurite outgrowth, neuroprotection and neuronal plasticity.

Notable Publications

Author	Pubmed ID	Journal	Application
Omer Revah	36224417	Nature	IHC
Tian Wang	35263606	Cell Rep	WB
Hufei Wang	35836930	Front Mol Biosci	IHC

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

For technical support and original validation data for this product please contact:

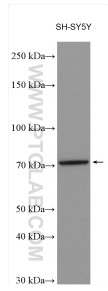
T: 4006900926

E: Proteintech-CN@ptglab.com

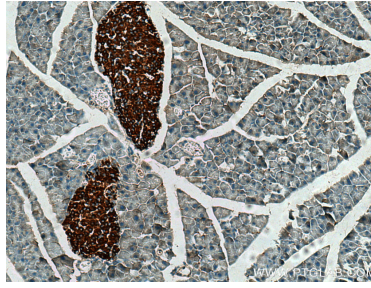
W: ptgcn.com

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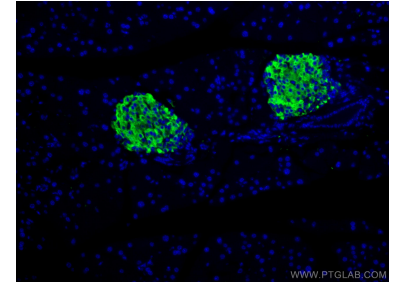
Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 20357-1-AP (Secretogranin II antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 20357-1-AP (Secretogranin II antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse pancreas tissue using 20357-1-AP (Secretogranin II antibody), at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).