

For Research Use Only

# Secretogranin III Polyclonal antibody

Catalog Number: 10954-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

10954-1-AP

### Size:

150ul, Concentration: 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1397

### GenBank Accession Number:

BC014539

### GeneID (NCBI):

29106

### UNIPROT ID:

Q8WXD2

### Full Name:

secretogranin III

### Calculated MW:

53 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC: 1:50-1:500

IF-P: 1:50-1:500

## Applications

### Tested Applications:

IHC, IF-P, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat

**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:

IHC : mouse pancreas tissue, human pancreas cancer tissue

IF-P : mouse pancreas tissue,

## Background Information

Secretogranin III (SCG3), a member of the granin protein family, is expressed specifically in neuronal and endocrine cells. SCG3 was synthesized as a 61- or 63-kDa protein and processed to a 48-kDa form which, in turn, was partially cleaved to fragments of 28 and 20 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yue Wang	24882622	Cancer Lett	WB,IHC
Virginia Plá	22998035	Brain Pathol	IHC
Michelle E LeBlanc	28330905	J Exp Med	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

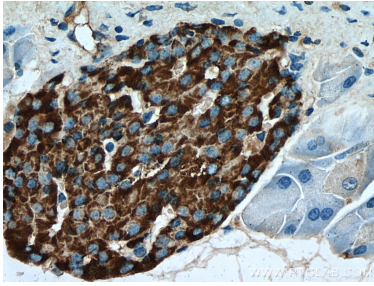
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

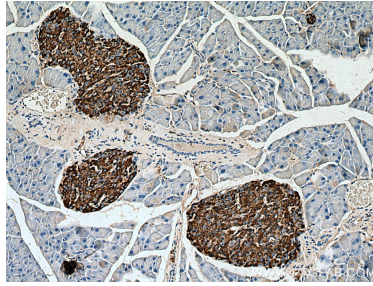
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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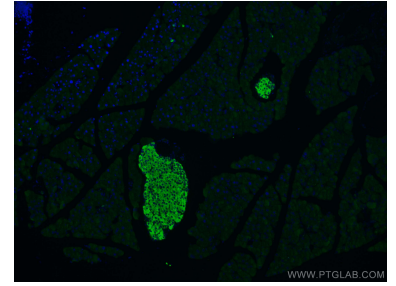
## Selected Validation Data



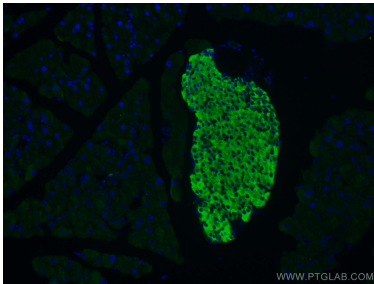
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 10954-1-AP (Secretogranin III antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 10954-1-AP (Secretogranin III 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 Secretogranin III antibody (10954-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse pancreas tissue using Secretogranin III antibody (10954-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).