

For Research Use Only

Secretogranin III Polyclonal antibody



Catalog Number: 10954-1-AP

Featured Product

10 Publications

Basic Information

Catalog Number:

10954-1-AP

Size:

800 µg/ml

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 1:50-1:500

Applications

Tested Applications:

IF-P, IHC, ELISA

Cited Applications:

IF, IHC, WB

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: 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

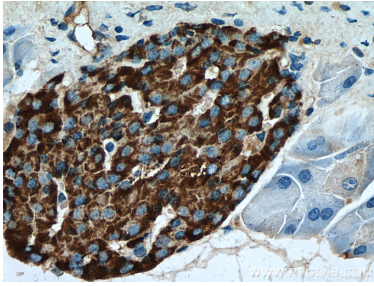
T: 4006900926

E: Proteintech-CN@ptglab.com

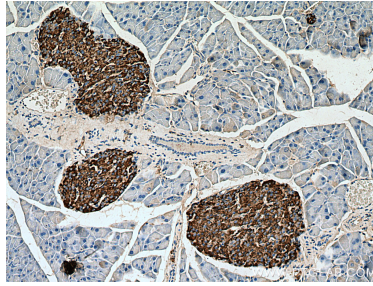
W: ptgcn.com

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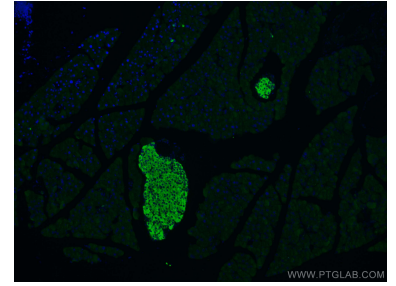
Selected Validation Data



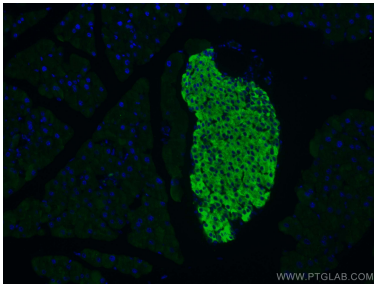
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 10954-1-AP (Secretogranin III antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 AffiniPure 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 AffiniPure Goat Anti-Rabbit IgG(H+L).