

Secretogranin II Polyclonal antibody

Catalog Number: 20357-1-AP

11 Publications

Basic Information

Catalog Number:

20357-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14215

GenBank Accession Number:

BC022509

GeneID (NCBI):

7857

UNIPROT ID:

P13521

Full Name:

secretogranin II (chromogranin C)

Calculated MW:

617 aa, 71 kDa

Observed MW:

71 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF-P 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Cited Applications:

WB, IHC, IF, CoIP

Species Specificity:

human, mouse, rat

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:

WB : SH-SY5Y cells,

IHC : mouse pancreas tissue, human prostate cancer tissue

IF-P : 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

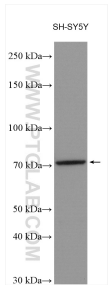
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T: 4006900926

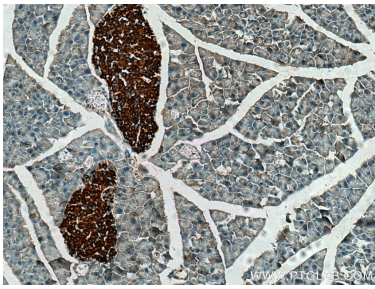
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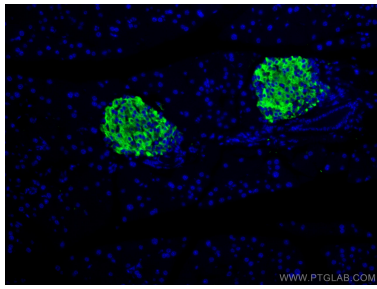
Selected Validation Data



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 Goat Anti-Rabbit IgG(H+L).