

Chromogranin B Rabbit pAb

Chromogranin B Rabbit pAb

Catalog # AP94074

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P16014
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77969
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse CGB
Epitope Specificity	601-677/677
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted. Note=Neuroendocrine and endocrine secretory granules.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a tyrosine-sulfated secretory protein abundant in peptidergic endocrine cells and neurons. This protein may serve as a precursor for regulatory peptides. [provided by RefSeq, Jan 2009].

Additional Information

Gene ID	12653
Other Names	Secretogranin-1, Chromogranin-B, CgB, Secretogranin I, SgI, CCB peptide, PE-11, Chgb, Scg-1, Scg1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Chgb
Synonyms	Scg-1, Scg1
Function	Secretogranin-1 is a neuroendocrine secretory granule protein, which may

be the precursor for other biologically active peptides.

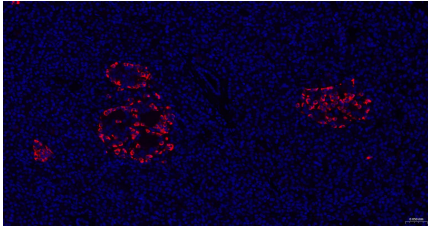
Cellular Location

Secreted. Note=Neuroendocrine and endocrine secretory granules

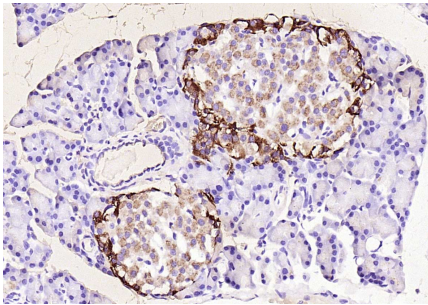
Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Chromogranin B Polyclonal Antibody, Unconjugated (AP94074) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, AP94074-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Chromogranin B) Polyclonal Antibody, Unconjugated (AP94074) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.