

Chromogranin B Rabbit pAb

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Catalog # AP94074

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P16014
Reactivity	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.
SIMILARITY	Belongs to the chromogranin/secretogranin protein family.
Post-translational modifications	Extensively processed by limited proteolysis at conserved basic residues. Alternative processing are seen in different tissues. O-glycosylated.
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
Target/Specificity	Expressed in the adrenal medulla, and in pheochromocytoma. Not expressed in liver.
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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.

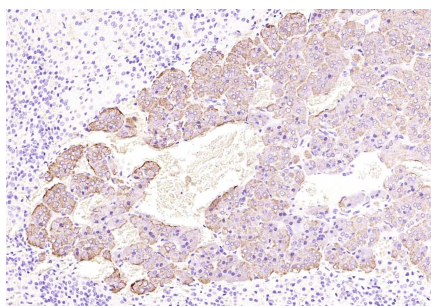
Protein Information

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

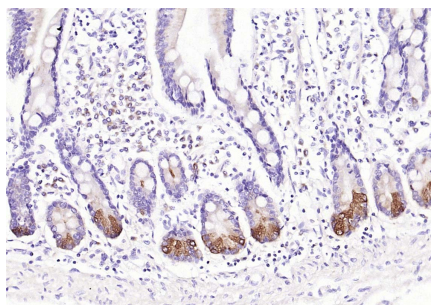
Background

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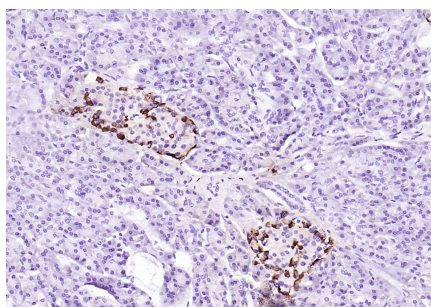
Images



Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland); 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.

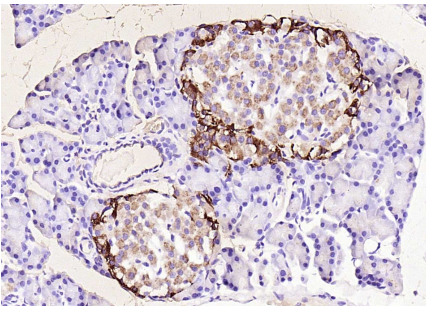


Paraformaldehyde-fixed, paraffin embedded (Human duodenum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Chromogranin B) Polyclonal Antibody,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

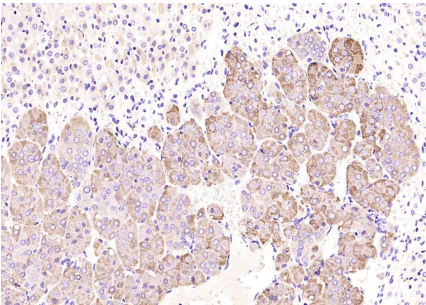


Paraformaldehyde-fixed, paraffin embedded (Human pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Chromogranin B) Polyclonal Antibody,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

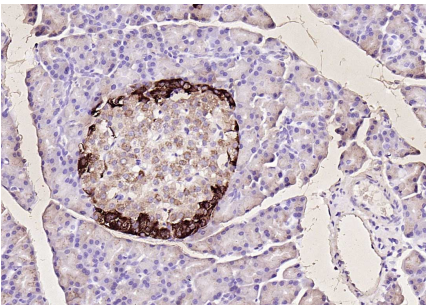
Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Chromogranin B) Polyclonal Antibody,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



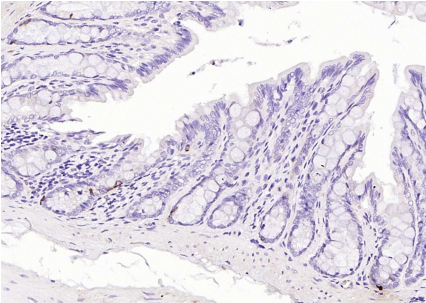
instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse adrenal gland); 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.



Paraformaldehyde-fixed, paraffin embedded (Rat 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.



Paraformaldehyde-fixed, paraffin embedded (mouse colon); 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 1:300 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'.