

Rabbit Anti-Chromogranin B antibody

SL0543R

Product Name	Chromogranin B
Chinese Name	嗜铬粒素 B 抗体
Alias	Secretogranin I; CCB peptide; Cg B; CgB; CHGB; ChromograninB; GAWK peptide; SCG1; Secretogranin 1; Secretogranin B; Secretogranin I; Secretogranin I precursor; SgI; SCG1_HUMAN; Secretogranin-1; Chromogranin-B.
Research Area	Tumour Neurobiology Endocrinopathy
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse,Rat
Applications	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	72kDa
Cellular localization	Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from mouse CGB: 601-677/677
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	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].

Function:

Secretogranin-1 is a neuroendocrine secretory granule protein, which may be the precursor for other biologically active peptides.

Subcellular Location:

Secreted. Note=Neuroendocrine and endocrine secretory granules.

Tissue Specificity:

Expressed in the adrenal medulla, and in pheochromocytoma. Not expressed in liver.

Post-translational modifications:

Extensively processed by limited proteolysis at conserved basic residues. Alternative processing are seen in different tissues. O-glycosylated.

Similarity:

Belongs to the chromogranin/secretogranin protein family.

SWISS:

P16014

Gene ID:

12653

Database links:

[Entrez Gene: 1114](#) Human

[Entrez Gene: 12653](#) Mouse

[Entrez Gene: 24259](#) Rat

[Omim: 118920](#) Human

[SwissProt: P05060](#) Human

[SwissProt: P16014](#) Mouse

[SwissProt: O35314](#) Rat

[Unigene: 516874](#) Human

[Unigene: 11090](#) Rat



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