

Rabbit Chromogranin-C Polyclonal Antibody | anti-SCG2 antibody

Chromogranin-C Antibody (Center)

CATALOG # AAA289378	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Pig)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

Chromogranin-C; Polyclonal Antibody; Chromogranin-C Antibody (Center); Secretogranin-2; Secretogranin II; SgII; Secretoneurin; SN; SCG2; CHGC; anti-SCG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Chromogranin-C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 246-274 amino acids from the Central region of human Chromogranin-C.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	246-274
Sequence Length	617
Applicable Applications for anti-SCG2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Chromogranin-C Antibody (Center) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Chromogranin-C Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of Chromogranin-C Antibody (Center) in Ramos cell line lysates (35ug/lane). SCG2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SCG2 antibody	Chromogranin-C is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Studies in rodents suggest that the full-length protein, secretogranin II, is involved in the packaging or sorting of peptide hormones and neuropeptides into secretory vesicles. The full-length protein is cleaved to produce the active peptide secretoneurin, which exerts chemotaxic effects on specific cell types, and EM66, whose function is unknown.
Product Categories/Family for anti-SCG2 antibody	Neuroscience
References	Li,L., et.al., Cell Death Differ. 15 (5), 879-888 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68160947
NCBI GeneID	7857
NCBI Accession #	NP_003460.2
NCBI GenBank Nucleotide #	NM_003469.4
UniProt Accession #	P13521; Q53T11; Q8TBH3; B2R662
Molecular Weight	70941
NCBI Official Full Name	secretogranin-2
NCBI Official Synonym Full Names	secretogranin II
NCBI Official Symbol	SCG2
NCBI Official Synonym Symbols	SN; CHGC; EM66; SgII
NCBI Protein Information	secretogranin-2
UniProt Protein Name	Secretogranin-2
UniProt Gene Name	SCG2
UniProt Synonym Gene Names	CHGC; SgII; SN
UniProt Entry Name	SCG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chromogranin-c-antibody-immunohistochemistry-western-blot-elisa/289378>