

SCG2 polyclonal antibody

Catalog # PAB17107

Size 200 uL

Specification

Product Description	Rabbit polyclonal antibody raised against SCG2.
Immunogen	N-terminus sequence (amino acids 1-19) of human and rat SCG2/Scg2 coupled to ovalbumin.
Host	Rabbit
Reactivity	Human, Rat
Specificity	This antibody reacts specifically with rat and human secretogranin II.
Form	Liquid
Recommend Usage	Western Blot (1:2500-1:10000) Immunoprecipitation (1:100-1:500) Immunohistochemistry (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- Immunoprecipitation

Gene Info — SCG2

Entrez GeneID	7857
Gene Name	SCG2
Gene Alias	CHGC, SN, SgII
Gene Description	secretogranin II (chromogranin C)
Omim ID	118930
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuro endocrine 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 chemotactic effects on specific cell types, and EM66, whose function is unknown. [provided by RefSeq]
Other Designations	Chromogranin C (secretogranin II) EM66 secretogranin II secretoneurin

Gene Info — Scg2

Entrez GeneID	24765
Gene Name	Scg2
Gene Alias	Chcg
Gene Description	secretogranin II (chromogranin C)
Gene Ontology	Hyperlink
Other Designations	Chromogranin C (Secretogranin II) secretogranin 2

Publication Reference

- [Differential Reovirus-Specific and Herpesvirus-Specific Activator Protein 1 Activation of Secretogranin II Leads to Altered Virus Secretion.](#)

Berard AR, Severini A, Coombs KM.

Journal of Virology 2015 Dec; 89(23):11954.

Application: WB, Human, HEK 293 cells

- [Quantification of the Host Response Proteome after Mammalian Reovirus T1L Infection.](#)

Berard AR, Cortens JP, Krokhin O, Wilkins JA, Severini A, Coombs KM.

PLoS One 2012 Dec; 7(12):e51939.

Application: WB-Ce, Human, HEK 293

- [Prolactin granulogenesis is associated with increased secretogranin expression and aggregation in the Golgi apparatus of GH4C1 cells.](#)

Thompson ME, Zimmer WE, Haynes AL, Valentine DL, Forss-Petter S, Scammell JG.

Endocrinology 1992 Jul; 131(1):318.

Application: IF, WB-Re, Rat, GH4C1 cells, Purified proteins