Rabbit Secretogranin 3 Polyclonal Antibody | anti-SCG3 antibody

Anti-Secretogranin 3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44927	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Secretogranin 3; Polyclonal Antibody; Anti-Secretogranin 3 antibody; Secretogranin-3; secretogranin III; 1B1075 antibody; AI385542 antibody; Chgd antibody; SCG3 antibody; SCG3_HUMAN antibody; Secretogranin III antibody; Secretogranin-3 antibody; SGCG antibody; SgIII antibody; anti-SCG3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	468
Applicable Applications for anti-SCG3 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Secretogranin 3 (438-450aa DFINKQADAYVEK), different from the related mouse and rat sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemisry)
Anti-Secretogranin 3 antibody, AAA44927, IHC(P)IHC(P): Human Rectal Cancer Tissue



IHC (Immunohiostchemistry)
Anti-Secretogranin 3 antibody, AAA44927, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)
Anti-Secretogranin 3 antibody, AAA44927, Western blottingWB: HELA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SCG3 antibody	**Description:** Rabbit IgG polyclonal antibody for Secretogranin-3(SCG3) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Mouse, Rat. **Background:** SCG3(secretogranin III) is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Genetic variations in the SCG3 gene may influence the risk of obesity through possible regulation of hypothalamic neuropeptide secretion. SCG3 was the only gene within a haplotype block that contained rs3764220. SCG3 mRNA and immunoreactivity were detected in the paraventricular nucleus, lateral hypothalamic area, and arcuate nucleus, and the protein coexisted with orexin, melanin-concentrating hormone, neuropeptide Y, and proopiomelanocortin. SCG3 formed a granule-like structure together with these neuropeptides.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46397796
NCBI GeneID	29106
UniProt Accession #	Q8WXD2; Q96C83; Q96GE8; Q9Y6G7; A8K2B0; B3KQP6; B4DK99; F5H3R8
Molecular Weight	26,909 Da
NCBI Official Full Name	Secretogranin-3
NCBI Official Synonym Full Names	secretogranin III
NCBI Official Symbol	SCG3
NCBI Official Synonym Symbols	SGIII
NCBI Protein Information	secretogranin-3
UniProt Protein Name	Secretogranin-3
UniProt Gene Name	**SCG3**
UniProt Synonym Gene Names	SgIII
UniProt Entry Name	SCG3_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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