

SCGN / Secretagogin Antibody (clone 2G7)
Mouse Monoclonal Antibody
Catalog # ALS13464**Specification**

SCGN / Secretagogin Antibody (clone 2G7) - Product Information

Application	IHC
Primary Accession	O76038
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	32kDa KDa

SCGN / Secretagogin Antibody (clone 2G7) - Additional Information**Gene ID** 10590**Other Names**

Secretagogin, SCGN, SECRET

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

SCGN / Secretagogin Antibody (clone 2G7) is for research use only and not for use in diagnostic or therapeutic procedures.

SCGN / Secretagogin Antibody (clone 2G7) - Protein Information**Name** SCGN**Synonyms** SECRET**Cellular Location**

Cytoplasm. Secreted. Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein; Cytoplasmic side Note=Predominantly cytoplasmic. A small proportion is associated with secretory granules and membrane fractions (By similarity). Detectable in human serum after ischemic neuronal damage.

Tissue Location

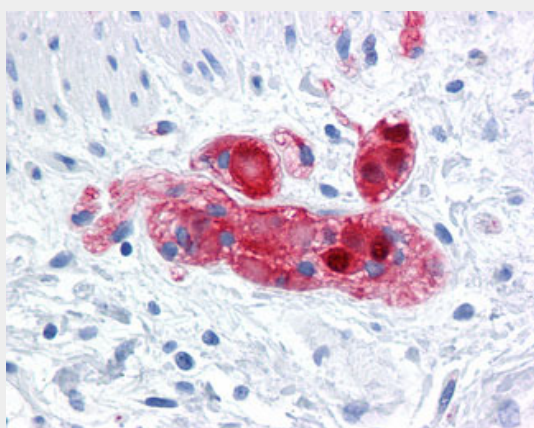
Expressed at high levels in the pancreatic islets of Langerhans and to a much lesser extent in the gastrointestinal tract (stomach, small intestine and colon), the adrenal medulla and cortex and the thyroid C-cells. In the brain, the expression is restricted to distinct subtypes of neurons with highest expression in the molecular layer of the cerebellum (stellate and basket cells), in the anterior part of the pituitary gland, in the thalamus, in the hypothalamus and in a subgroup of neocortical neurons.

SCGN / Secretagogen Antibody (clone 2G7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SCGN / Secretagogen Antibody (clone 2G7) - Images



Anti-SCGN antibody IHC of human colon, submucosal plexus.

SCGN / Secretagogen Antibody (clone 2G7) - References

- Wagner L.,et al.J. Biol. Chem. 275:24740-24751(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Gartner W.,et al.Cereb. Cortex 11:1161-1169(2001).