


Anti-SCGN/Secretagogin antibody ab111871

[3 References](#) [2 Images](#)

Overview

Product name	Anti-SCGN/Secretagogin antibody
Description	Rabbit polyclonal to SCGN/Secretagogin
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow 
Immunogen	Recombinant fragment corresponding to Human SCGN/Secretagogin aa 57-238. (AAH00336)
Positive control	HeLa and HCT116 cells and whole cell lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	ab111871 is purified by antigen-affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab111871 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 32 kDa.
ICC/IF		1/100 - 1/500.

Target

Tissue specificity

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.

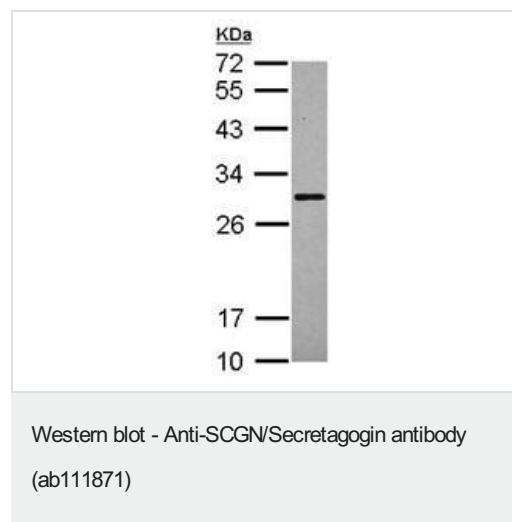
Sequence similarities

Contains 6 EF-hand domains.

Cellular localization

Cytoplasm. Secreted. Cytoplasmic vesicle > secretory vesicle membrane. Predominantly cytoplasmic. A small proportion is associated with secretory granules and membrane fractions (By similarity). Detectable in human serum after ischemic neuronal damage.

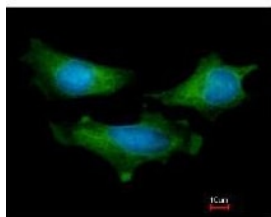
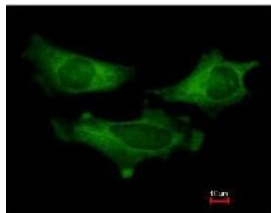
Images



Anti-SCGN/Secretagogin antibody (ab111871) at 1/1000 dilution +
HeLa whole cell lysate at 30 µg

Predicted band size: 32 kDa

12% SDS PAGE



ab111871 at 1/200 dilution staining SCGN/Secretagoin in methanol-fixed HeLa cells by Immunofluorescence. The lower image is costained with Hoechst 33342.

Immunocytochemistry/ Immunofluorescence - Anti-SCGN/Secretagoin antibody (ab111871)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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