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## Datasheet for ABIN5534677 anti-SCGN antibody (N-Term)

3 Images



## Overview

Quantity:	400 µL
Target:	SCGN
Binding Specificity:	AA 54-84, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCGN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This SCGN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-84 amino acids from the N-terminal region of human SCGN.
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis

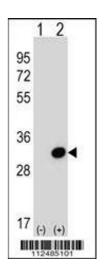
## Target Details

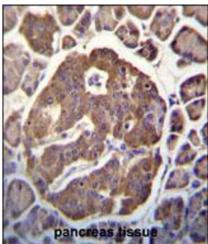
Target:	SCGN
Alternative Name:	SCGN (SCGN Products)
Background:	SCGN is a secreted calcium-binding protein which is found in the cytoplasm. It is related to

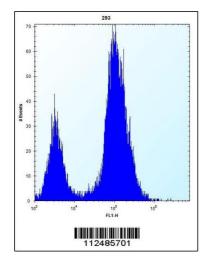
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Target Details	
	calbindin D-28K and calretinin. SCGN is thought to be involved in KCL-stimulated calcium flux and cell proliferation.
Molecular Weight:	32 kDa
Gene ID:	10590
UniProt:	076038
Application Details	
Application Notes:	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:10~50
	For FACS starting dilution is: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	2 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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#### Western Blotting

**Image 1.** Western blot analysis of \*SCGN using rabbit polyclonal \*SCGN Antibody using 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the SCGN gene.

#### Immunohistochemistry

**Image 2.** SCGN Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.

### **Flow Cytometry**

**Image 3.** Flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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