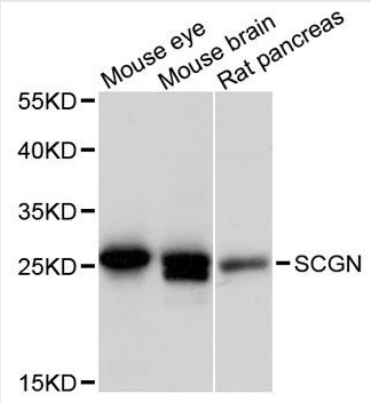
SCGN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SCGN, Polyclonal Antibody
Full Product Name	SCGN Polyclonal Antibody
Product Gene Name	anti-SCGN antibody
Product Synonym Names	CALBL; DJ501N12.8; SECRET; SEGN; setagin
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	32kDa
OMIM	Y16752 mRNA
3D Structure	ModBase 3D Structure for O76038
Immunogen	Recombinant protein of human SCGN
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Product Categories/Family for anti-SCGN antibody	Primary antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SCGN antibody	Western Blot (WB)
Application Notes for anti-SCGN antibody	WB: 1:500 - 1:2000
Related Product Information for anti-SCGN antibody	The encoded protein is a secreted calcium-binding protein which is found in the cytoplasm. It is related to calbindin D-28K and calretinin. This protein is thought to be involved in KCL-stimulated calcium flux and cell proliferation.
Other Notes	Small volumes of anti-SCGN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SCGN purchase	MBS9132688 is an antibody targeting SCGN. Also known as SCGN Polyclonal Antibody. Reactive in Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-SCGN antibody
Western blot analysis of extracts of various cell lines, using SCGN antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCGN. It may not necessarily be applicable to this product.

NCBI GI #	21264511
NCBI GeneID	10590
NCBI Accession #	O76038.2
UniProt Primary Accession #	O76038
UniProt Secondary Accession #	Q5VV44; Q96QV7; Q9UJF6; A8K0B2
UniProt Related Accession #	O76038
NCBI Official Full Name	Secretagogin
NCBI Official Synonym Full Names	secretagogin, EF-hand calcium binding protein
NCBI Official Symbol	SCGN
NCBI Official Synonym Symbols	SEGN; CALBL; SECRET; setagin; DJ501N12.8
UniProt Protein Name	Secretagogin
Protein Family	Secretagogin
UniProt Gene Name	SCGN
UniProt Synonym Gene Names	SECRET
NCBI Protein Information	secretagogin
UniProt Comments for SCGN	SCGN: Chromosomal Location of Human Ortholog: 6p22.2 Cellular Component: cytosol; neuron projection; nucleus; synapse Molecular Function: calcium ion binding Biological Process: cytosolic calcium ion homeostasis
Research Articles on SCGN	**1.** These results suggest SCGN is involved in the chemoresistance of small cell lung cancer under the regulation of miR-494

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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