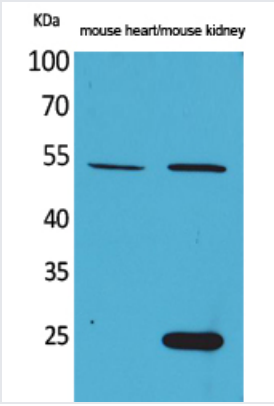
Sg III Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Sg III, Polyclonal Antibody
Full Product Name	Sg III Polyclonal Antibody
Product Gene Name	anti-Sg III antibody
Product Synonym Names	SCG3; Secretogranin-3; Secretogranin III; SgIII
Clonality	Polyclonal
Host	Rabbit
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	Sg III Polyclonal Antibody detects endogenous levels of Sg III protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	26,909 Da
OMIM	611796
3D Structure	ModBase 3D Structure for Q8WXD2
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from the N-terminal region of human Sg III.
Target Name	Sg III
Product Categories/Family for anti-Sg III antibody	Total protein Ab
Applications Tested/Suitable for anti-Sg III antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-Sg III antibody	Western Blot: 1:500 - 1:2000 ELISA: 1:20000 Not yet tested in other applications.
Related Product Information for anti-Sg III antibody	MBS9413827 is an antibody targeting Sg III. Also known as Sg III Polyclonal Antibody. Host: Rabbit.
Other Notes	Small volumes of anti-Sg III 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.



Western Blot (WB) of anti-Sg III antibody
Western Blot analysis of mouse heart mouse kidney cells using Sg III Polyclonal Antibody

ADDITIONAL DETAILS

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

NCBI GI #	259089433
NCBI GeneID	29106
NCBI Accession #	NP_001158729.1
UniProt Primary Accession #	Q8WXD2
UniProt Secondary Accession #	Q96C83; Q96GE8; Q9Y6G7; A8K2B0; B3KQP6; B4DK99; F5H3R8
UniProt Related Accession #	Q8WXD2
GenBank Nucleotide #	NM_001165257.1
NCBI Official Full Name	secretogranin-3 isoform 2
NCBI Official Synonym Full Names	secretogranin III
NCBI Official Symbol	SCG3
NCBI Official Synonym Symbols	SGIII
UniProt Protein Name	Secretogranin-3
UniProt Synonym Protein Names	Secretogranin III; SgIII
Protein Family	Stage III sporulation protein
UniProt Gene Name	SCG3
UniProt Synonym Gene Names	SgIII
UniProt Entry Name	SCG3_HUMAN
NCBI Protein Information	secretogranin-3
NCBI Summary for Sg III	The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Granins may serve as precursors for biologically active peptides. Some granins have been shown to function as helper proteins in sorting and proteolytic processing of prohormones; however, the function of this protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

UniProt Comments for Sg III	SCG3: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 15q21 Cellular Component: extracellular region Biological Process: platelet activation; platelet degranulation; blood coagulation
Research Articles on Sg III	**1.** HBXIP facilitates the proliferation of hepatoma cells by up-regulating SCG3 via E2F1 and miR-509-3p modulation.
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