10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SGSH Antibody (C-Term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9579b

Specification

SGSH Antibody (C-Term) - Product Information

Application	**WB,E**
Primary Accession	P51688
Other Accession	NP_000190
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**420-449**

SGSH Antibody (C-Term) - Additional Information

Gene ID 6448

Other Names
N-sulphoglucosamine sulphohydrolase, Sulfoglucosamine sulfamidase, Sulphamidase, SGSH, HSS

Target/Specificity
This SGSH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 420-449 amino acids from the C-terminal region of human SGSH.

Dilution
WB~~1:4000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SGSH Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SGSH Antibody (C-Term) - Protein Information

Name SGSH

Synonyms HSS

Function Catalyzes a step in lysosomal heparan sulfate degradation.

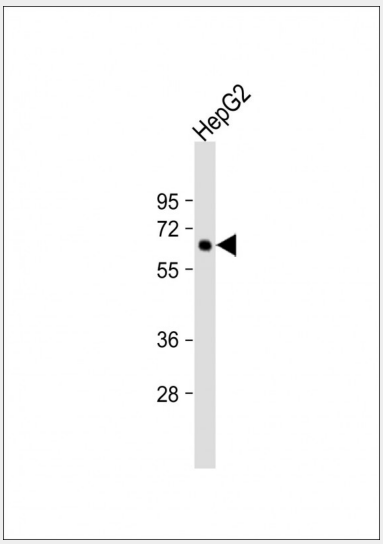
Cellular Location
Lysosome.

SGSH Antibody (C-Term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SGSH Antibody (C-Term) - Images



Anti-SGSH Antibody (C-Term) at 1:4000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 57 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SGSH Antibody (C-Term) - Background

SGSH is one of several enzymes involved in the lysosomal degradation of heparan sulfate. Mutations in this gene are associated with Sanfilippo syndrome A, one type of the lysosomal storage disease mucopolysaccaridosis III, which results from impaired degradation of heparan sulfate. Transcripts of varying sizes have been reported but their biological validity has not been determined.

SGSH Antibody (C-Term) - References

?Sleat, D.E., et al. Mol. Cell Proteomics 5(4):686-701(2006)
?Bekri, S., et al. J. Inherit. Metab. Dis. 28(4):601-602(2005)
?Muschol, N., et al. Hum. Mutat. 23(6):559-566(2004)

?Zhang, H., et al. Nat. Biotechnol. 21(6):660-666(2003)