

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

**Specification**

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**SGSH Antibody (C-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P51688</a>
Other Accession	<a href="#">NP_000190</a>
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**

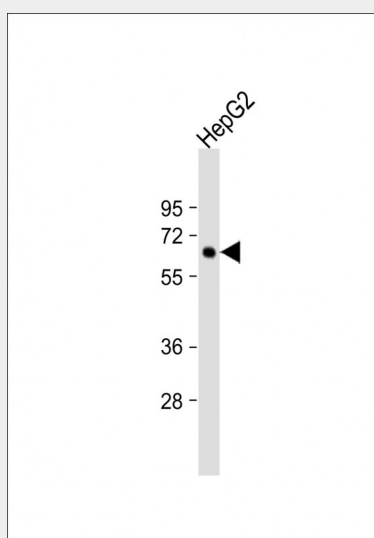
Lysosome.

**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 Cytometry](#)
- [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 mucopolysaccharidosis 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)