

**SGSH Antibody (C-Term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9579b****Specification**

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

Primary Accession [P51688](#)  
Other Accession [NP\\_000190](#)

**SGSH Antibody (C-Term) Blocking Peptide - Additional Information**

**Gene ID** 6448

**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SGSH Antibody (C-Term) Blocking Peptide - Protein Information**

**Name** SGSH

**Synonyms** HSS

**Function**

Catalyzes a step in lysosomal heparan sulfate degradation.

**Cellular Location**

Lysosome.

**SGSH Antibody (C-Term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SGSH Antibody (C-Term) Blocking Peptide - Images****SGSH Antibody (C-Term) Blocking Peptide - 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) Blocking Peptide - References**

Leat, D.E., et al. Mol. Cell Proteomics 5(4):686-701(2006)  
Ekri, S., et al. J. Inherit. Metab. Dis. 28(4):601-602(2005)  
uschol, N., et al. Hum. Mutat. 23(6):559-566(2004)  
hang, H., et al. Nat. Biotechnol. 21(6):660-666(2003)