

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

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)