

Rabbit anti-Human SGSH Polyclonal Antibody | anti-SGSH antibody

SGSH Antibody (C-Term)

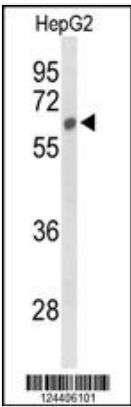
CATALOG # AAA288700	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

SGSH; Polyclonal Antibody; SGSH Antibody (C-Term); N-sulphoglucosamine sulphohydrolase; Sulfoglucosamine sulfamidase; Sulphamidase; HSS; anti-SGSH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	420-449
Sequence Length	502
Applicable Applications for anti-SGSH antibody	ELISA, WB (Western Blot)
Function	Catalyzes a step in lysosomal heparan sulfate degradation.
Cellular Location	Lysosome.
Preparation and 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.



WB (Western Blot)
Anti-SGSH Antibody (C-Term) at 1:4000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-SGSH antibody	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.
Product Categories/Family for anti-SGSH antibody	Neuroscience; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506919
NCBI GeneID	6448
NCBI Accession #	NP_000190.1
NCBI GenBank Nucleotide #	NM_000199.3
UniProt Accession #	P51688; A8K5E2
NCBI Official Full Name	N-sulphoglucosamine sulphohydrolase
NCBI Official Synonym Full Names	N-sulfoglucosamine sulfohydrolase
NCBI Official Symbol	SGSH
NCBI Official Synonym Symbols	HSS; SFMD; MPS3A
NCBI Protein Information	N-sulphoglucosamine sulphohydrolase
UniProt Protein Name	N-sulphoglucosamine sulphohydrolase
UniProt Gene Name	SGSH
UniProt Synonym Gene Names	HSS
UniProt Entry Name	SPHM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sgsh-antibody-western-blot-elisa/288700>