

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

Rabbit anti-human SGSH polyclonal Antibody

CATALOG # AAA119463	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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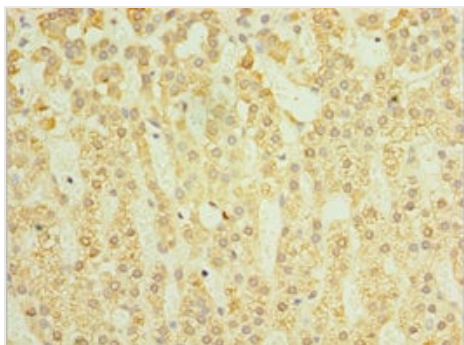
PRODUCT SYNONYMS

SGSH; Polyclonal Antibody; Rabbit anti-human SGSH polyclonal Antibody; Sulfoglucosamine sulfamidase; Sulphamidase; SGSH; HSS; anti-SGSH antibody

PRODUCT SPECIFICATIONS

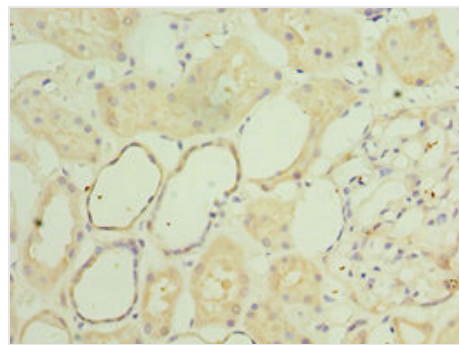
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	502
Applicable Applications for anti-SGSH antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human N-sulphoglucosamine sulphohydrolase protein (273-502aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79741 / sc-79742
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland using AAA119463 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA119463 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SGSH antibody	SGSH(N-sulphoglucosamine sulphohydrolase) is also named as HSS, sulphamidase and belongs to the sulfatase family. Sulfamidase is synthesized as a 62 kDa precursor protein, which is modified with mannose 6-phosphate (M6P) residues, allowing their recognition by mannose-6-phosphate receptors in the Golgi complex and ensuring transport to the endosomal/lysosomal system. It catalyzes the third step of degradation of glucosaminoglycans and is required for the degradation of heparan sulphate. Defects in SGSH are the cause of mucopolysaccharidosis type 3A (MPS3A), also known as Sanfilippo syndrome A.
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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
Molecular Weight	56,695 Da
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-immunohistochemistry-elisa/119463>