

DNAxPAb

Hard-to-Find
Antibody

SGSH DNAxPab

Catalog # H00006448-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SGSH DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSCPVPACCALLLVGLCRARPRNALLLADDGGFESGAYNNSAIATPHLDALARRSLLFRNAFT SVSSCSPSRASLLTGLPQHQNMGMYGLHQDVHHFNSFDKVRSLPLLLSQAGVRTGIIGKKHVGPET VYPFDFAYTEENGSVLQVGRNITRIKLLVRKFLQTQDDRPFLLYVAFHDPHRCGHSQPQYGTFCCK FGNGESGMGRIPDWTPQAYDPLDVLVPYFVPNTPAARADLAAQYTTVGRMDQGVGLVLQELRD AGVLNDTLVFTSDNGIPFPSSGRTNLYWPGTAEPLLVSSEHPKRWGQVSEAYVSLDDLTPILDW FSIPYPSYAIFGSKTIHLTGRSLLPALEAEPLWATVFGSQSHHEVTMSYPMRSVQHRHFRVLVHNLN FKMPFPIDQDFYVSPTFQDLLNRTTAGQPTGWYKDLRHYYRARWELYDRSRDPHETQNLATDPR FAQLLEMLRDQLAKWQWETHDPWVCAPDGVLEEKLSPPCQPLHNEL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SGSH

Entrez GeneID [6448](#)

GeneBank Accession# [NM_000199.2](#)

Protein Accession# [NP_000190.1](#)

Gene Name SGSH

Gene Alias HSS, MPS3A, SFMD

Gene Description N-sulfoglucosamine sulfohydrolase

Omim ID [252900 605270](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes 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. [provided by RefSeq]

Other Designations heparan sulfate sulfatase|sulfamidase|sulfoglucosamine sulfamidase

Pathway

- [Glycosaminoglycan degradation](#)
- [Lysosome](#)
- [Metabolic pathways](#)