

Datasheet for ABIN2855132
anti-SGSH antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SGSH
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGSH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human SGSH. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to SGSH (N-sulfoglucosamine sulfohydrolase) SGSH antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SGSH
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Target Details

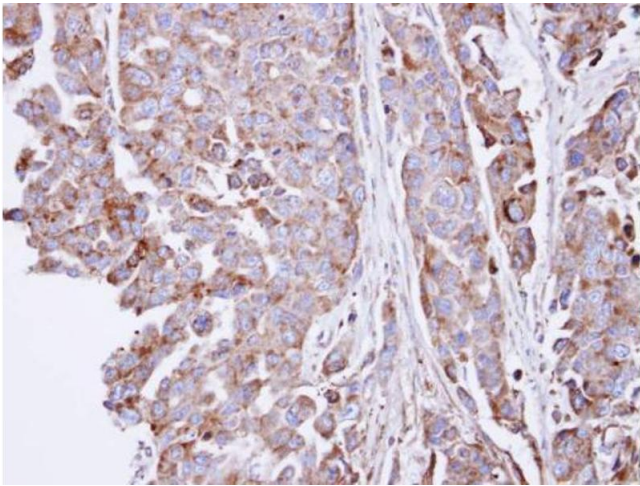
Alternative Name:	N-sulfoglucosamine sulfohydrolase (SGSH Products)
Background:	<p>This gene encodes one of several enzymes involved in the lysosomal degradation of heparan sulfate. Mutations in this gene are associated with Sanfilippo syndrome A, one type of the lysosomal storage disease mucopolysaccharidosis III, which results from impaired degradation of heparan sulfate. Transcripts of varying sizes have been reported but their biological validity has not been determined.</p> <p>Cellular Localization: Lysosome</p>
Molecular Weight:	57 kDa
Gene ID:	6448
UniProt:	P51688
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB: 1:1000-1:10000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Molt-4
Restrictions:	For Research Use only

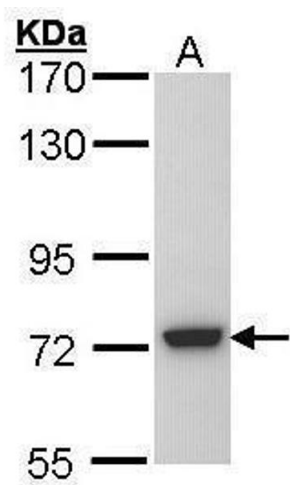
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded OVCAR3 xenograft , using SGSH, antibody at 1:100 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: Molt-4 , 7.5% SDS PAGE antibody diluted at 1:5000