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Datasheet for ABIN2783227 anti-SGSH antibody (N-Term)

2 Images



Overview

Quantity:	100 μL
Target:	SGSH
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Horse, Dog, Pig, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGSH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

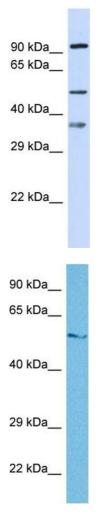
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human SGSH
Sequence:	RNALLLLADD GGFESGAYNN SAIATPHLDA LARRSLLFRN AFTSVSSCSP
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against SGSH. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	SGSH
Alternative Name:	SGSH (SGSH Products)

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Target Details	
Background:	 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 mucopolysaccaridosis III, which results from impaired degradation of heparan sulfate. Transcripts of varying sizes have been reported but their biological validity has not been determined. Alias Symbols: HSS, MPS3A, SFMD Protein Interaction Partner: S100A16, PRDX2, RRM1, PPT1, OXCT1, C1QBP, FBX06, UBC, Protein Size: 502
Molecular Weight:	57 kDa
Gene ID:	6448
NCBI Accession:	NM_000199, NP_000190
UniProt:	P51688
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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Western Blotting

Image 1. Host: Rabbit Target Name: SGSH Sample Type: 721_B Whole Cell lysates Antibody Dilution: 1.0ug/ml SGSH is supported by BioGPS gene expression data to be expressed in 721_B

Western Blotting

Image 2. Host: Rabbit Target Name: SGSH Sample Tissue: Human THP-1 Whole Cell Antibody Dilution: 1ug/ml

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