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# anti-SGSH antibody (AA 301-388) (AbBy Fluor® 555)



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Quantity:	100 μL
Target:	SGSH
Binding Specificity:	AA 301-388
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGSH antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human Sulphamidase
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog
Purification:	Purified by Protein A.

## Target Details

Target:	SGSH
Alternative Name:	SGSH/Sulphamidase (SGSH Products)

## Target Details

Background:	Synonyms: HSS, SFMD, MPS3A, N-sulphoglucosamine sulphohydrolase, Sulfoglucosamine
	sulfamidase, Sulphamidase, SGSH
	Background: Sulfatases are enzymes that hydrolyse a diverse range of sulfate esters.
	Deficiency of lysosomal sulfatases leads to human diseases characterized by the accumulation
	of either GAGs (glycosaminoglycans) or sulfolipids. Sulfamidase, also known as HSS, SFMD,
	MPS3A or SGSH, is a 502 amino acid lysosome that belongs to the sulfatase family. It has been
	suggested that sulfamidase may be involved in the lysosomal degradation of heparan sulfate.
	Defects in the gene encoding sulfamidase are the cause of Sanfilippo syndrome A, an
	autosomal recessive lysosomal storage disease caused by impaired degradation of heparan
	sulfate. Sanfilippo syndrome A is characterized by severe central nervous system degeneration
	but relatively mild somatic manifestations.
Gene ID:	6448
UniProt:	P51688
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage.	

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Expiry Date:

12 months