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Datasheet for ABIN7155012
anti-HS3ST1 antibody (AA 21-307) (FITC)

Overview

Quantity:	100 µg
Target:	HS3ST1
Binding Specificity:	AA 21-307
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HS3ST1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Heparan sulfate glucosamine 3-O-sulfotransferase 1 protein (21-307AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HS3ST1
Alternative Name:	HS3ST1 (HS3ST1 Products)
Background:	Background: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) to catalyze the transfer of a sulfo group to position 3 of glucosamine residues in heparan. Catalyzes the

Target Details

rate limiting step in the biosynthesis of heparan sulfate (HSact). This modification is a crucial step in the biosynthesis of anticoagulant heparan sulfate as it completes the structure of the antithrombin pentasaccharide binding site.

Aliases: 3-OST-1 antibody, 3OST antibody, 3OST1 antibody, EC 2.8.2.23 antibody, h3 OST 1 antibody, h3-OST-1 antibody, Heparan sulfate (glucosamine) 3 O sulfotransferase 1 antibody, Heparan sulfate 3 O sulfotransferase 1 antibody, Heparan sulfate 3-O-sulfotransferase 1 antibody, Heparan sulfate D glucosaminyl 3 O sulfotransferase 1 antibody, Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 1 antibody, Heparan sulfate glucosamine 3-O-sulfotransferase 1 antibody, Heparin glucosamine 3 O sulfotransferase antibody, HS3S1_HUMAN antibody, HS3ST 1 antibody, Hs3st1 antibody

UniProt: [014792](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.