

Datasheet for ABIN2459203

anti-Heparan Sulfate (Glucosamine) 3-O-Sulfotransferase 6 (HS3ST6) antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Heparan Sulfate (Glucosamine) 3-O-Sulfotransferase 6 (HS3ST6)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human HS3ST6.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	Heparan Sulfate (Glucosamine) 3-O-Sulfotransferase 6 (HS3ST6)
Alternative Name:	HS3ST6 (HS3ST6 Products)
Background:	HS3ST6 is a single-pass type II membrane protein. It belongs to the sulfotransferase 1 family. It transfers a sulfonyl group to heparan sulfate. The substrate-specific O-sulfation generates an enzyme-modified heparan sulfate which acts as a binding receptor to Herpes Simplex Virus-1 (HSV-1) and permits its entry. Unlike 3-OST-1, does not convert non-anticoagulant heparan sulfate to anticoagulant heparan sulfate.

Target Details

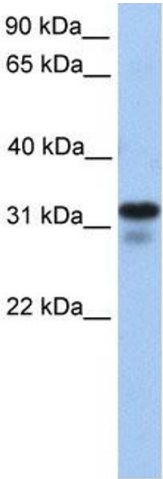
Molecular Weight:	35 kDa
Gene ID:	64711
NCBI Accession:	NP_001009606
UniProt:	Q96QI5
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	HS3ST6 antibody can be used for detection of HS3ST6 by ELISA at 1:12500. HS3ST6 antibody can be used for detection of HS3ST6 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store HS3ST6 antibody at -20 °C.



Western Blotting

Image 1.