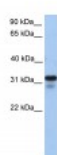




HS3ST6 Antibody

CATALOG NUMBER: 26-319



Antibody used in WB on Human 721_B at
0.2-1 ug/ml.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	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 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) 721_B Cell Lysate
PREDICTED MOLECULAR WEIGHT:	35 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human HS3ST6.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4°C. For longer periods of storage, store HS3ST6 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	HS3ST6, HS3ST5
ACCESSION NO.:	NP_001009606
PROTEIN GI NO.:	116089312

OFFICIAL SYMBOL: HS3ST6

GENE ID: 64711

Background

BACKGROUND: HS3ST6 is a single-pass type II membrane protein. It belongs to the sulfotransferase 1 family. It transfers a sulfuryl 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.

REFERENCES: 1) Xu, D., Biochem. J. 385 (PT 2), 451-459 (2005).

FOR RESEARCH USE ONLY

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