

Datasheet for ABIN631415

**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)

Product Details

Immunogen:	HS3 ST6 antibody was raised using a synthetic peptide corresponding to a region with amino acids GERLVSDPAGEVGRVQDFLGLKRVVTDKHFYFNATKGFPCCLKKAQGGSRP
Purification:	Affinity purified

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 (MW of target protein)
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	HS3ST6 Blocking Peptide, catalog no. 33R-3249, is also available for use as a blocking control in assays to test for specificity of this HS3ST6 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HS0 T6 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. HS3ST6 antibody used at 1 ug/ml to detect target protein.