

Datasheet for ABIN7267614
anti-HS6ST1 antibody (AA 302-411)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HS6ST1
Binding Specificity:	AA 302-411
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HS6ST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	HS6ST1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 302-411 of human HS6ST1 (NP_004798.3).
Sequence:	YLFERTFNLK FIRPFMQYNS TRAGGVEVDE DTIRRIEELN DLDMQLYDYA KDLFQQRYQY KRQLERREQR LRSREERLLH RAKEALPRED ADEPGRVPTE DYMSHIIIEKW
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

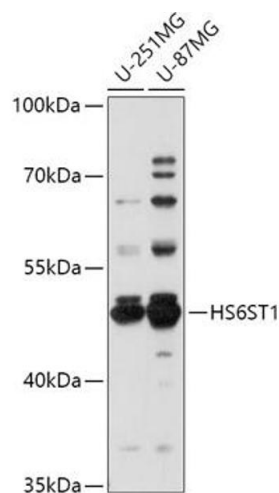
Target:	HS6ST1
Alternative Name:	HS6ST1 (HS6ST1 Products)
Background:	<p>The protein encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biological activities. This enzyme is a type II integral membrane protein and is responsible for 6-O-sulfation of heparan sulfate. This enzyme does not share significant sequence similarity with other known sulfotransferases. A pseudogene located on chromosome 1 has been found for this gene.</p> <p>[provided by RefSeq, Jul 2008],HH15,HS6ST,HS6ST1,Signal Transduction,Neuroscience,HS6ST1</p>
Gene ID:	9394
UniProt:	O60243
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using HS6ST1 antibody (ABIN7267614) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.