

Datasheet for ABIN391988  
**anti-HS2ST1 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	HS2ST1
Binding Specificity:	AA 16-45, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HS2ST1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This HS2ST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-45 amino acids from the N-terminal region of human HS2ST1.
Clone:	RB24871
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HS2ST1
Alternative Name:	HS2ST1 ( <a href="#">HS2ST1 Products</a> )
Background:	Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct

## Target Details

heparan sulfate fine structures that carry out multiple biologic activities. Heparan sulfate 2-O-sulfotransferase is a member of the heparan sulfate biosynthetic enzyme family. This family member transfers sulfate to the 2 position of the iduronic acid residue of heparan sulfate. The disruption of the HS2ST1 gene resulted in no kidney formation in knockout embryonic mice, indicating that the absence of this enzyme may interfere with the signaling required for kidney formation.

Molecular Weight: 41881

Gene ID: 9653

NCBI Accession: [NP\\_001127964](#), [NP\\_036394](#)

UniProt: [Q7LGA3](#)

Pathways: [Glycosaminoglycan Metabolic Process](#), [Tube Formation](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

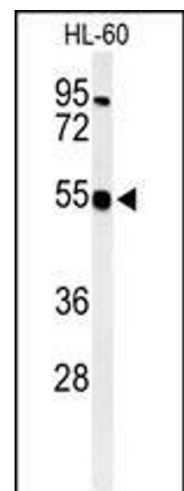
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

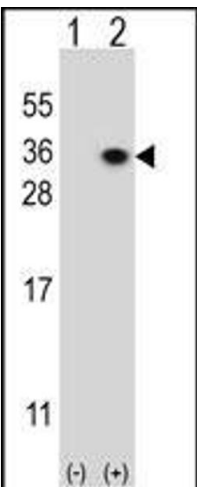
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



#### Western Blotting

**Image 1.** Western blot analysis of HS2ST1 Antibody (N-term) (ABIN391988 and ABIN2841776) in HL-60 cell line lysates (35 µg/lane). HS2ST1 (arrow) was detected using the purified Pab.



#### Western Blotting

**Image 2.** Western blot analysis of HS2ST1 (arrow) using rabbit polyclonal HS2ST1 Antibody (N-term) (ABIN391988 and ABIN2841776). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the HS2ST1 gene (Lane 2) (Origene Technologies).