

Datasheet for ABIN633850
anti-HS2ST1 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	HS2ST1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HS2ST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	HS2 ST1 antibody was raised using the middle region of HS2 T1 corresponding to a region with amino acids GVTEELEDFIMLLEAALPRFFRGATELYRTGKKSHLRKTTEKKLPTKQTI
Specificity:	HS2 ST1 antibody was raised against the middle region of HS2 T1
Purification:	Affinity purified

Target Details

Target:	HS2ST1
Alternative Name:	HS2ST1 (HS2ST1 Products)
Background:	Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. HS2ST1 is a member of the heparan sulfate biosynthetic enzyme family that transfers sulfate to the 2 position of the

Target Details

iduronic acid residue of heparan sulfate. The disruption of this 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: 42 kDa (MW of target protein)

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

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: HS2ST1 Blocking Peptide, catalog no. 33R-3656, is also available for use as a blocking control in assays to test for specificity of this HS2ST1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HS0 T1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. HS2ST1 antibody used at 1 ug/ml to detect target protein.