



Datasheet for ABIN7155006  
**anti-HS2ST1 antibody (AA 29-229)**



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3 Images

Overview

Quantity:	100 µg
Target:	HS2ST1
Binding Specificity:	AA 29-229
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HS2ST1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Heparan sulfate 2-O-sulfotransferase 1 protein (29-229AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	HS2ST1
Alternative Name:	HS2ST1 ( <a href="#">HS2ST1 Products</a> )
Background:	Background: Catalyzes the transfer of sulfate to the C2-position of selected hexuronic acid residues within the maturing heparan sulfate (HS). 2-O-sulfation within HS, particularly of

## Target Details

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iduronate residues, is essential for HS to participate in a variety of high-affinity ligand-binding interactions and signaling processes. Mediates 2-O-sulfation of both L-iduronyl and D-glucuronyl residues (By similarity).

Aliases: 2-O-sulfotransferase antibody, 2OST antibody, dJ604K5.2 antibody, FLJ11317 antibody, heparan sulfate 2 O sulfotransferase 1 antibody, Heparan sulfate 2-O-sulfotransferase 1 antibody, HS2ST\_HUMAN antibody, hs2st1 antibody, KIAA0448 antibody, MGC131986 antibody

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UniProt: [Q7LGA3](#)

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

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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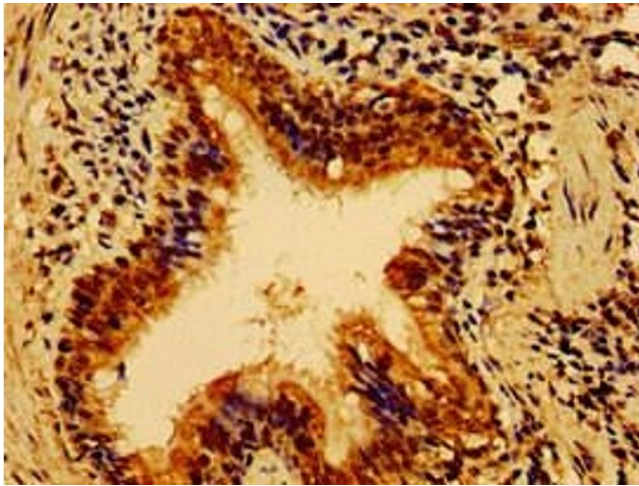
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

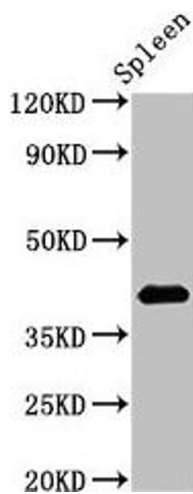
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



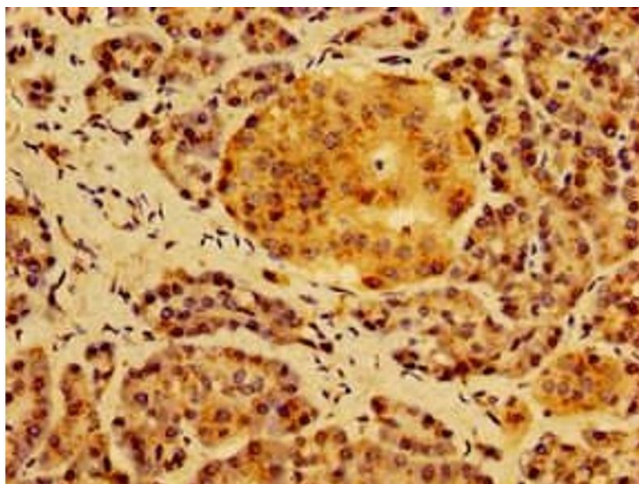
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7155006 at dilution of 1:100



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Rat spleen tissue All lanes: HS2ST1 antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 42, 35, 27 kDa Observed band size: 42 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7155006 at dilution of 1:100