

PACO27449

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## Product Information

**Size:**

50ug

**Reactivity:**

Human, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000,  
IHC:1:20-1:200

**Protein 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 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.

**Gene ID:**

HS2ST1

**Uniprot**

Q7LGA3

**Synonyms:**

Heparan sulfate 2-O-sulfotransferase 1 (2-O-sulfotransferase) (2OST) (EC 2.8.2. -),  
HS2ST1, HS2ST KIAA0448

**Immunogen:**

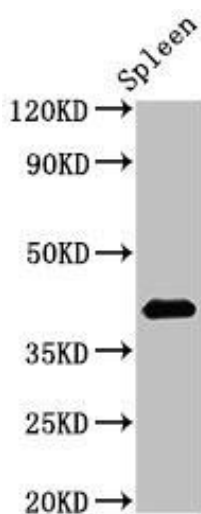
Recombinant Human Heparan sulfate 2-O-sulfotransferase 1 protein (29-229AA).

**Storage:**

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

## Product Images

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### Western Blot

Positive WB detected in: Rat spleen tissue

All lanes: HS2ST1 antibody at 2.7 $\mu$ g/ml

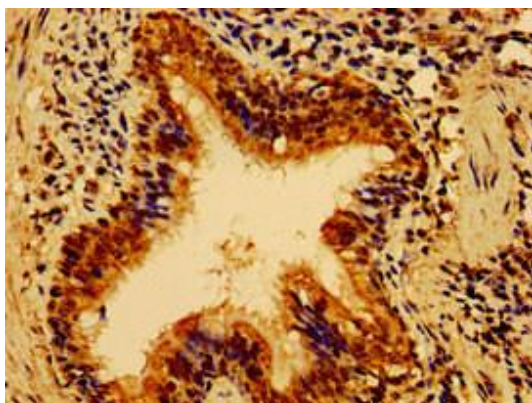
Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

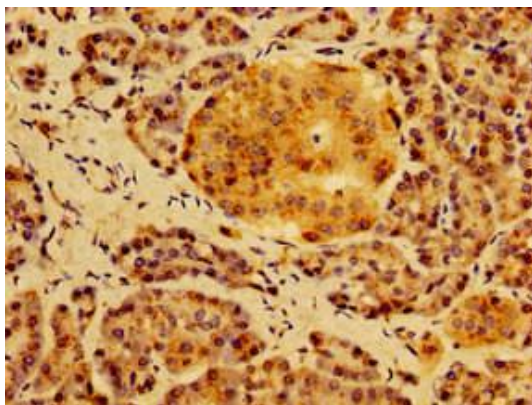
Predicted band size: 42, 35, 27 kDa

Observed band size: 42 kDa

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Immunohistochemistry of paraffin-embedded human lung cancer using PACO27449 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human pancreatic tissue using PACO27449 at dilution of 1:100.