

Datasheet for ABIN2782700
anti-HS3ST3B1 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	HS3ST3B1
Binding Specificity:	N-Term
Reactivity:	Human, Pig, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HS3ST3B1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HS3ST3B1
Sequence:	AMLCVWLYMF LYSCAGSCAA APGLLLLGSG SRAAHDPPAL ATAPDGTPPR
Predicted Reactivity:	Cow: 92%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Pig: 93%, Rabbit: 87%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against HS3ST3B1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HS3ST3B1
---------	----------

Target Details

Alternative Name:	HS3ST3B1 (HS3ST3B1 Products)
Background:	<p>HS3ST3B1 is a member of the heparan sulfate biosynthetic enzyme family. It is a type II integral membrane protein and possesses heparan sulfate glucosaminyl 3-O-sulfotransferase activity. The sulfotransferase domain of this enzyme is highly similar to the same domain of heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3A1, and these two enzymes sulfate an identical disaccharide. This gene is widely expressed, with the most abundant expression in liver and placenta. Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. The enzyme encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. It is a type II integral membrane protein and possesses heparan sulfate glucosaminyl 3-O-sulfotransferase activity. The sulfotransferase domain of this enzyme is highly similar to the same domain of heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3A1, and these two enzymes sulfate an identical disaccharide. This gene is widely expressed, with the most abundant expression in liver and placenta.</p> <p>Alias Symbols: 3OST3B1, 3OST3B1</p> <p>Protein Size: 390</p>
Molecular Weight:	43 kDa
Gene ID:	9953
NCBI Accession:	NM_006041 , NP_006032
UniProt:	Q9Y662
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 390 AA
Restrictions:	For Research Use only

Handling

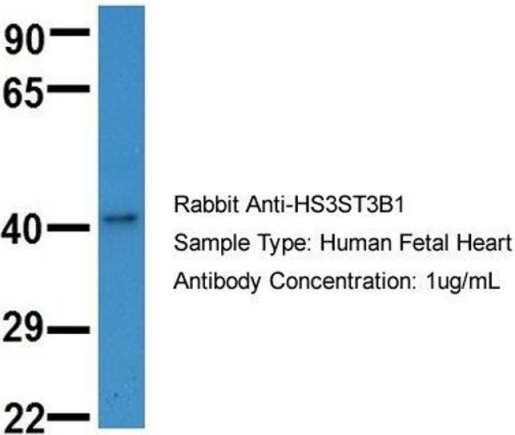
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

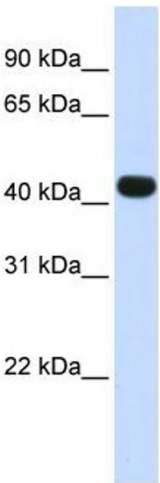
Images

HS3ST3B1



Western Blotting

Image 1. Host: Rabbit Target Name: HS3ST3B1 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. WB Suggested Anti-HS3ST3B1 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:62500 Positive Control: Human Muscle