

Datasheet for ABIN7437887
anti-SULT1A1 antibody (AA 3-291)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SULT1A1
Binding Specificity:	AA 3-291
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Sulfotransferase 1A1 (SULT1A1)
Immunogen:	Recombinant Sulfotransferase 1A1 (SULT1A1) corresponding to Phe3~Leu291 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SULT1A1. It has been selected for its ability to recognize SULT1A1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

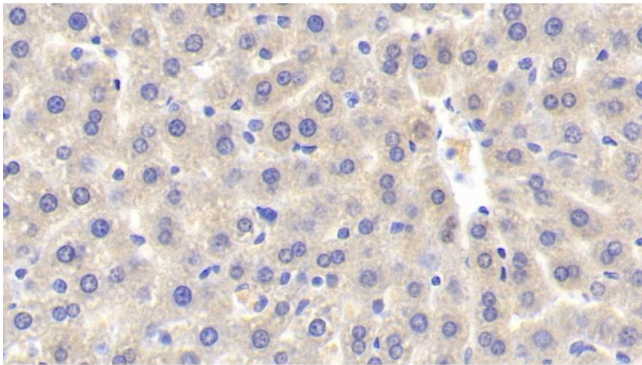
Target:	SULT1A1
Alternative Name:	Sulfotransferase 1A1 (SULT1A1 Products)
Background:	PST, HAST1/HAST2, ST1A3, STP1, TSPST1, Phenol Sulfotransferase, Aryl sulfotransferase 1, Phenol sulfotransferase 1, Thermostable phenol sulfotransferase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

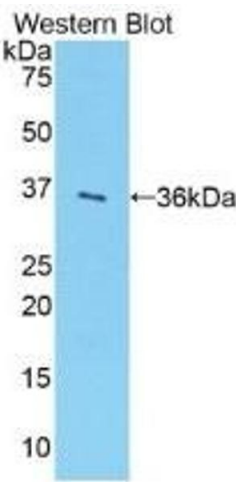
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of SULT1A1 in Rat Liver Tissue using Polyclonal Antibody to Sulfotransferase 1A1 (SULT1A1)



Western Blotting

Image 2. Detection of Recombinant PST, Rat using Polyclonal Antibody to Sulfotransferase 1A1 (SULT1A1)