

Datasheet for ABIN7170961
anti-SULT1B1 antibody (AA 1-271)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	SULT1B1
Binding Specificity:	AA 1-271
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT1B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Sulfotransferase family cytosolic 1B member 1 protein (1-271AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	SULT1B1
Alternative Name:	SULT1B1 (SULT1B1 Products)
Background:	Background: Sulfotransferase that utilizes 3\\\'-phospho-5\\\'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of many hormones, neurotransmitters,

Target Details

drugs and xenobiotic compounds. Sulfonation increases the water solubility of most compounds, and therefore their renal excretion, but it can also result in bioactivation to form active metabolites. Sulfates dopamine, small phenols such as 1-naphthol and p-nitrophenol and thyroid hormones, including 3,3'-diiodothyronine, triiodothyronine, reverse triiodothyronine and thyroxine.

Aliases: Dopa/tyrosine sulfotransferase antibody, MGC13356 antibody, ST1B1 antibody, ST1B1_HUMAN antibody, ST1B2 antibody, Sulfotransferase 1B1 antibody, Sulfotransferase 1B2 antibody, Sulfotransferase family 1B member 1 antibody, Sulfotransferase family cytosolic 1B member 1 antibody, SULT1B1 antibody, SULT1B2 antibody, Thyroid hormone sulfotransferase antibody

UniProt: [O43704](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: ProClin

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

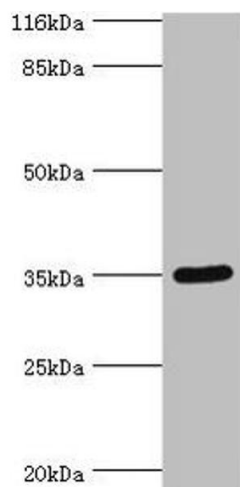
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7170961 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: SULT1B1 antibody at 24 μ g/mL + Mouse small intestine tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 35 kDa Observed band size: 35 kDa