

Datasheet for ABIN389131
anti-SULT1C2 antibody (AA 95-127)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	SULT1C2
Binding Specificity:	AA 95-127
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT1C2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SULT1C1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-127 amino acids from the Central region of human SULT1C1.
Clone:	RB5129
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SULT1C2
Alternative Name:	SULT1C1 (SULT1C2 Products)

Target Details

Background: The 296-amino acid human SULTC1 protein, so named on the basis of its significant homology to a rat hepatic cytosolic sulfotransferase ST1C1, catalyzes the sulfate conjugation of many drugs, xenobiotic compounds, hormones, and neurotransmitters, and may be involved in the activation of carcinogenic hydroxylamines. This enzyme also shows activity towards p-nitrophenol and N-hydroxy-2-acetylamino-fluorene (N-OH-2AAF). SULTC1 is expressed as a 1.4-kb mRNA in adult human stomach, kidney, and thyroid, and in fetal kidney and liver. By functional characterization of recombinant protein, it has been shown that SULTC1 catalyzes the sulfonation of p-nitrophenol and N-hydroxy-2-acetylaminofluorene, but not dopamine, 17-beta-estradiol, or dehydroepiandrosterone.

Molecular Weight: 34880

Gene ID: 6819

NCBI Accession: [NP_001047](#), [NP_789795](#)

UniProt: [O00338](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

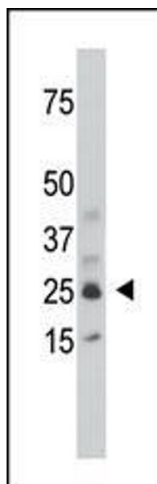
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. The anti-SULT1C1 Pab (ABIN389131 and ABIN2839309) is used in Western blot to detect SULT1C1 in mouse kidney tissue lysate.