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Datasheet for ABIN389132  
**anti-SULT2A antibody (C-Term)**

1 Image

### Overview

Quantity:	400 µL
Target:	SULT2A
Binding Specificity:	AA 253-285, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT2A antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This SULT2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 253-285 amino acids from the C-terminal region of human SULT2A.
Clone:	RB05118
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

### Target Details

Target:	SULT2A
Alternative Name:	SULT2A ( <a href="#">SULT2A Products</a> )

## Target Details

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**Background:** One of the major roles of the sulfotransferases (ST) in the metabolism of drugs and endogenous compounds is the conversion of these substances into more hydrophilic water-soluble sulfate conjugates that can be easily excreted. Sulfation may also play a regulatory role for many endogenous compounds, such as steroids and neurotransmitters, by altering the biologic properties of these compounds. Otterness et al. (1992), Kong et al. (1992), and Comer et al. (1993) reported the cloning of cDNAs encoding liver dehydroepiandrosterone (DHEA) sulfotransferase. The predicted protein has 285 amino acids. Although Northern blot analysis of human liver RNA detected transcripts of 3 different sizes, Southern blot analysis of human DNA suggested that only 1 gene is present in the genome. This gene has an important role in the sulfation of both bile acids and steroids in the liver and adrenals. The human adrenal form of this enzyme is physically, immunologically, and kinetically similar, perhaps identical, to the liver form. Dehydroepiandrosterone sulfate is quantitatively one of the major steroids secreted from the adrenal cortex.

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**Molecular Weight:** 33780

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**Gene ID:** 6822

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**NCBI Accession:** [NP\\_003158](#)

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**UniProt:** [Q06520](#)

## Application Details

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**Application Notes:** WB: 1:1000

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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

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**Preservative:** Sodium azide

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

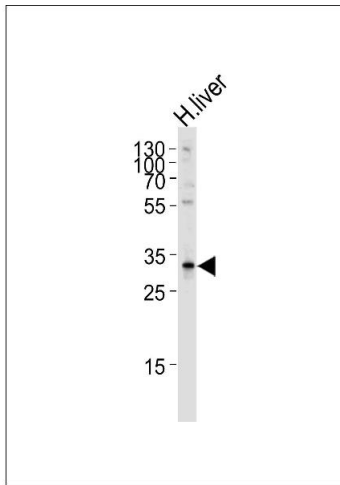
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**Storage:** 4 °C, -20 °C

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**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.

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### Western Blotting

**Image 1.** Western blot analysis of lysate from human liver tissue lysate, using SULT2A Antibody (ABIN389132 and ABIN2839310). (ABIN389132 and ABIN2839310) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35  $\mu$ g per lane.