

Datasheet for ABIN7270631  
**anti-SULT1C4 antibody (AA 1-95)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	SULT1C4
Binding Specificity:	AA 1-95
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT1C4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Purpose:	SULT1C4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-95 of human SULT1C4 (NP_006579.2).
Sequence:	MALHDMEDFT FDGKRLSVN YVKGILQPTD TCDIWDKIWN FQAKPDDLLI STYPKAGTTW TQEIVELIQN EGDVEKSKRA PTHQRFPFLE MKIPS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	SULT1C4
Alternative Name:	SULT1C4 ( <a href="#">SULT1C4 Products</a> )
Background:	Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene encodes a protein that belongs to the SULT1 subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds.,SULT1C4,SULT1C,SULT1C2,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Endocrine & Metabolism,Drug metabolism,SULT1C4
Molecular Weight:	26kDa/35kDa
Gene ID:	27233
UniProt:	<a href="#">075897</a>

## Application Details

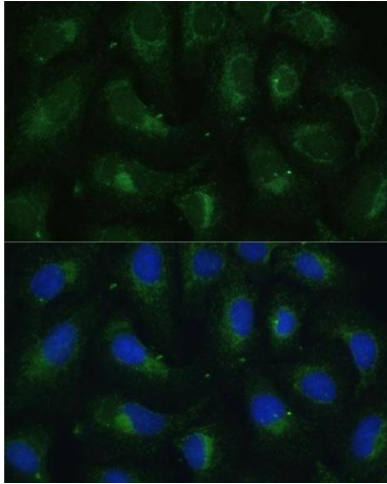
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Application Notes:	WB,1:200 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

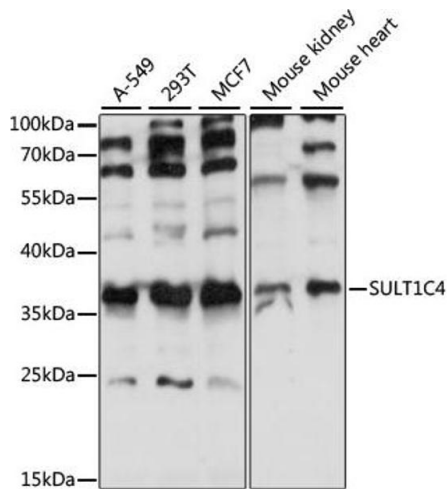
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-2 OS cells using SULT1C4 antibody (ABIN7270631) at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using SULT1C4 antibody (ABIN7270631) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 2s.