

# SULT2B1 Rabbit pAb

Catalog No.: A7736 **1 Publications**

## Basic Information

### Observed MW

42kDa

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## 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 sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:50 - 1:100

## Immunogen Information

### Gene ID

6820

### Swiss Prot

O00204

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-365 of human SULT2B1 (NP\_814444.1).

### Synonyms

HSST2; ARCI14; SULT2B1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

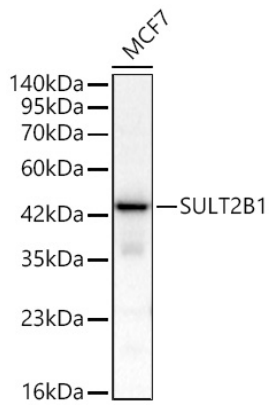
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

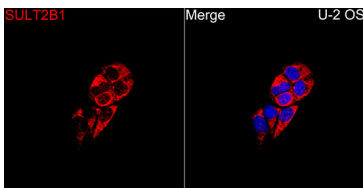
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from MCF7 cells using SULT2B1 Rabbit pAb(A7736) at 1:1000 dilution.  
Secondary antibody:(AS014 ) 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:10s.



Immunofluorescence analysis of U-2 OS cells using SULT2B1 Rabbit pAb(A7736) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.