

# SULT2A1 Rabbit pAb

Catalog No.: A5489

## Basic Information

### Observed MW

34kDa

### Calculated MW

34kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

This gene encodes a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances into more hydrophilic water-soluble sulfate conjugates that can be easily excreted. This protein catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands, and may have a role in the inherited adrenal androgen excess in women with polycystic ovary syndrome.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

6822

### Swiss Prot

Q06520

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-145 of human SULT2A1 (NP\_003158.2).

### Synonyms

HST; ST2; STD; hSTa; DHEAS; ST2A1; ST2A3; DHEA-ST; SULT2A3; DHEA-ST8; SULT2A1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

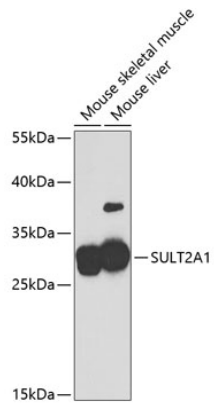
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using SULT2A1 antibody (A5489) at 1:2000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.