

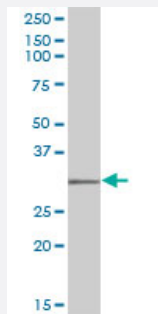
MaxPab®

# SULT1C2 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00006819-B02P

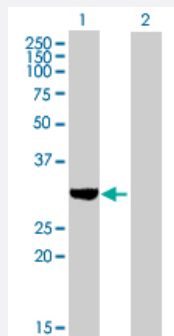
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

SULT1C1 MaxPab polyclonal antibody. Western Blot analysis of SULT1C1 expression in human stomach.



### Western Blot (Transfected lysate)

Western Blot analysis of SULT1C2 expression in transfected 293T cell line ([H00006819-T02](#)) by SULT1C2 MaxPab polyclonal antibody.

Lane 1: SULT1C1 transfected lysate(32.56 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human SULT1C2 protein.

### Immunogen

SULT1C2 (NP\_001047.1, 1 a.a. ~ 296 a.a) full-length human protein.

### Sequence

MALTSDLGKQIKLKEVEGTLLQPATVDNWSQIQSFQAKPDDLLICTYPKAGTTWIQEMDMIEQNGD  
VEKCQRAIIQHRHPFIEWARPPQPSGVEKAKAMPSPRILKTHLSTQLLPPSFWENNCKFLYVARNA  
KDCMVSYHFFQRMNHMLPDPGTWEEYFETFINGKVVWGSWFDHVKGWWEKDRHQILFLFYE  
DIKRDPKHEIRKVMQFMGKKVDETVDKIVQETSFEKMKENPMTNRSTVSKSILDQSISSFMRKGT  
VGDWKNHFTVAQNERFDEIYRRKMEGTSINFCMEL

### Host

Mouse

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Reactivity                    | Human                                                                    |
| Interspecies Antigen Sequence | Mouse (83)                                                               |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer                | In 1x PBS, pH 7.4                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Tissue lysate)

SULT1C1 MaxPab polyclonal antibody. Western Blot analysis of SULT1C1 expression in human stomach.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SULT1C2 expression in transfected 293T cell line ([H00006819-T02](#)) by SULT1C2 MaxPab polyclonal antibody.

Lane 1: SULT1C1 transfected lysate(32.56 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — SULT1C2

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Entrez GeneID       | <a href="#">6819</a>                             |
| GeneBank Accession# | <a href="#">NM_001056.3</a>                      |
| Protein Accession#  | <a href="#">NP_001047.1</a>                      |
| Gene Name           | SULT1C2                                          |
| Gene Alias          | ST1C1, ST1C2, SULT1C1, humSULTC2                 |
| Gene Description    | sulfotransferase family, cytosolic, 1C, member 2 |
| Omim ID             | <a href="#">602385</a>                           |
| Gene Ontology       | <a href="#">Hyperlink</a>                        |

**Gene Summary**

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. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

**Other Designations**

sulfotransferase 1C1|sulfotransferase family, cytosolic, 1C, member 1

**Disease**

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