

## SULT1C2 Polyclonal Antibody

Catalog number: 10662-1-AP

Size: 22 µg/150 µl

Source: Rabbit

Isotype: IgG

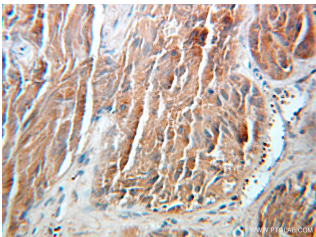
Synonyms:

SULT1C2; humSULTC2, ST1C1,

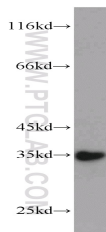
ST1C2, Sulfotransferase 1C1,

Sulfotransferase 1C2,

SULT1C#1, SULT1C1, SULT1C2



Immunohistochemical of paraffin-embedded human prostate cancer using 10662-1-AP(SULT1C2 antibody) at dilution of 1:100 (under 25x lens)



human stomach tissue were subjected to SDS PAGE followed by western blot with 10662-1-AP(SULT1C2 antibody) at dilution of 1:1000

### Background

SULT1C2, also named as SULT1C1, ST1C2, ST1C1, and humSULTC2, belongs to the sulfotransferase 1 family. It is a sulfotransferase enzymes that catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. SULT1C2 may be involved in the activation of carcinogenic hydroxylamines. It is responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds.

### Applications

<b>Tested applications:</b>	<b>ELISA, WB, IHC</b>
<b>Cited applications:</b>	<b>IHC, WB</b>
<b>Species specificity:</b>	<b>Human, Mouse, Rat; other species not tested.</b>
<b>Cited species:</b>	<b>Human, rat</b>
<b>Calculated SULT1C2 MW:</b>	<b>35 kDa</b>
<b>Observed SULT1C2 MW:</b>	<b>30-35kd</b>
<b>Positive WB detected in</b>	<b>Human stomach tissue, human kidney tissue, human liver tissue, mouse liver tissue</b>
<b>Positive IHC detected in</b>	<b>Human prostate cancer tissue</b>
<b>Recommended dilution:</b>	<b>WB: 1:500-1:5000</b>
	<b>IHC: 1:20-1:200</b>

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

<b>Immunogen:</b>	<b>Ag1064</b>
<b>GenBank accession number:</b>	<b>BC005353</b>
<b>Gene ID (NCBI):</b>	<b>6819</b>
<b>Full name:</b>	<b>Sulfotransferase family, cytosolic, 1C, member 2</b>

### Product information

<b>Purification method:</b>	<b>Antigen affinity purification</b>
<b>Storage:</b>	<b>PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.</b>