



# Anti-SULT1C4 polyclonal antibody (CABT-BL5786)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit polyclonal antibody to Human SULT1C4.
<b>Antigen Description</b>	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.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Cellular Localization</b>	Cytoplasm
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	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
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subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds. [provided by RefSeq, Jul 2008]

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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">27233</a>
<b>Protein Refseq</b>	<a href="#">NP_006579</a>
<b>UniProt ID</b>	<a href="#">O75897</a>
<b>Chromosome Location</b>	2q12.3
<b>Pathway</b>	Biological oxidations, organism-specific biosystem; Cytosolic sulfonation of small molecules, organism-specific biosystem; Metabolism, organism-specific biosystem; Phase II conjugation, organism-specific biosystem; Sulfation Biotransformation Reaction, organism-specific biosystem; metapathway biotransformation, organism-specific biosystem;
<b>Function</b>	sulfotransferase activity; sulfotransferase activity; sulfotransferase activity; transferase activity;