

Rabbit SULT1B1 Polyclonal Antibody | anti-SULT1B1 antibody

SULT1B1 antibody - N-terminal region

CATALOG # AAA199949	HOST Rabbit	REACTIVITY Cow, Dog, Human, Pig, Rat	APPLICATIONS Western Blot
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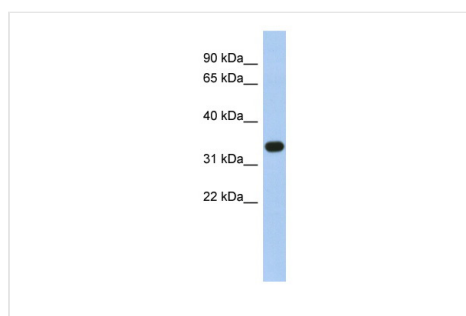
PRODUCT SYNONYMS

SULT1B1; Polyclonal Antibody; SULT1B1 antibody - N-terminal region; anti-SULT1B1 antibody

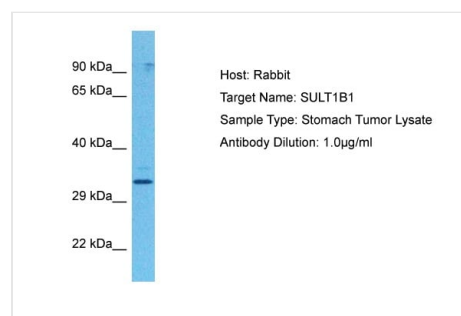
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ML SPKDILRKDL KLVHGYPMTC AFASNWEKIE QFHSRPDDIV IATYPKSG
Sequence Length	296
Applicable Applications for anti-SULT1B1 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 86%; Human: 100%; Pig: 79%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SULT1B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SULT1B1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human Intestine


WB (Western Blot)

Host: Rabbit
Target Name: SULT1B1
Sample Tissue: Human Stomach Tumor
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SULT1B1 antibody	This is a rabbit polyclonal antibody against SULT1B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SULT1B1 Catalyzes the sulfate conjugation of many hormones, neurotransmitters, drugs and xenobiotic compounds. Sulfonation increases the water solubility of most compounds, and therefore their renal excretion, but it can also result in bioactivation to form active metabolites. Sulfates dopamine, small phenols such as 1-naphthol and p-nitrophenol and thyroid hormones, including 3,3'-diiodothyronine, triiodothyronine, reverse triiodothyronine and thyroxine.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. However, the total genomic length of this gene is greater than that of other SULT1 genes.
Product Categories/Family for anti-SULT1B1 antibody	Polyclonal; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	29550928
NCBI GeneID	27284
NCBI Accession #	NP_055280
NCBI GenBank Nucleotide #	NM_014465
UniProt Accession #	O43704
Molecular Weight	35kDa
NCBI Official Full Name	sulfotransferase family cytosolic 1B member 1
NCBI Official Synonym Full Names	sulfotransferase family 1B member 1
NCBI Official Symbol	SULT1B1
NCBI Official Synonym Symbols	ST1B1; ST1B2; SULT1B2
NCBI Protein Information	sulfotransferase family cytosolic 1B member 1
UniProt Protein Name	Sulfotransferase family cytosolic 1B member 1
UniProt Gene Name	SULT1B1
UniProt Synonym Gene Names	ST1B2; SULT1B2; ST1B1; Sulfotransferase 1B1; ST1B2
UniProt Entry Name	ST1B1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.