

Rabbit anti-Human SULT1B1 Polyclonal Antibody | anti-SULT1B1 antibody

Anti-SULT1B1 Antibody, Rabbit Polyclonal

CATALOG # AAA255430	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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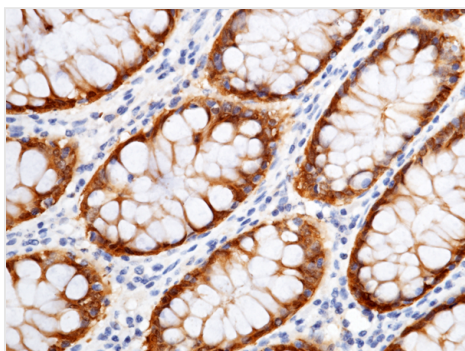
PRODUCT SYNONYMS

SULT1B1; Polyclonal Antibody; Anti-SULT1B1 Antibody; Rabbit Polyclonal; SULT1B1 Antibody; Rabbit PAb; Antigen Affinity Purified; sulfotransferase family; cytosolic; 1B; member 1; Anti-ST1B1 Antibody; Anti-ST1B2 Antibody; Anti-SULT1B2 Antibody; anti-SULT1B1 antibody

PRODUCT SPECIFICATIONS

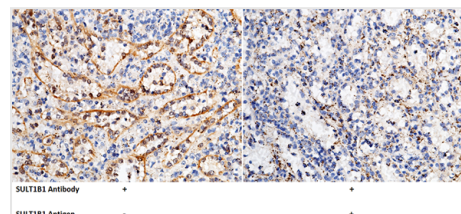
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SULT1B1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SULT1B1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human SULT1B1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human SULT1B1 (rh SULT1B1). SULT1B1 specific IgG was purified by Human SULT1B1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human SULT1B1 in human colon with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human SULT1B1 in human spleen with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).

ADDITIONAL INFORMATION

Related Product Information for anti-SULT1B1 antibody	Sulfotransferase family cytosolic 1B member 1, also known as Sulfotransferase 1B1, Sulfotransferase 1B2, Thyroid hormone sulfotransferase, SULT1B1 and ST1B2, is a cytoplasm protein that belongs to the sulfotransferase 1 family. 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. SULT1B1 is highly expressed in the liver, peripheral blood leukocytes, colon (mucosal lining), small intestine (jejunum) and spleen. A lesser expression of SULT1B1 was observed in the lung, placenta and thymus. 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. SULT1B1 sulfates dopamine, small phenols such as 1-naphthol and p-nitrophenol and thyroid hormones, including 3, 3'-diiodothyronine, triiodothyronine, reverse triiodothyronine and thyroxine.
References	Fujita K. et al., 1997, J. Biochem. 122:1052-61. Kester, MH.et al., 2003, Am J Physiol Endocrinol Metab. 285 (3):E592-8. Meinel W, et al., 2001, Biochem Biophys Res Commun. 288 (4): 855-62. Dombrowski L. et al., 2006, Proteins 64: 1091-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29550928
NCBI GeneID	27284
NCBI Accession #	NP_055280.2
NCBI GenBank Nucleotide #	NM_014465.3
UniProt Accession #	O43704; O15497; Q96FI1; Q9UK34
Molecular Weight	34,899 Da
NCBI Official Full Name	sulfotransferase family cytosolic 1B member 1
NCBI Official Synonym Full Names	sulfotransferase family, cytosolic, 1B, member 1
NCBI Official Symbol	SULT1B1
NCBI Official Synonym Symbols	ST1B1; ST1B2; SULT1B2
NCBI Protein Information	sulfotransferase family cytosolic 1B member 1; sulfotransferase 1B1; sulfotransferase 1B2; thyroid hormone sulfotransferase
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sult1b1-antibody-immunohistochemistry-elisa/255430>