

anti-Human, Rat SULT2B1 Polyclonal Antibody | anti-SULT2B1 antibody

Anti-SULT2B1 Antibody

CATALOG # AAA46244	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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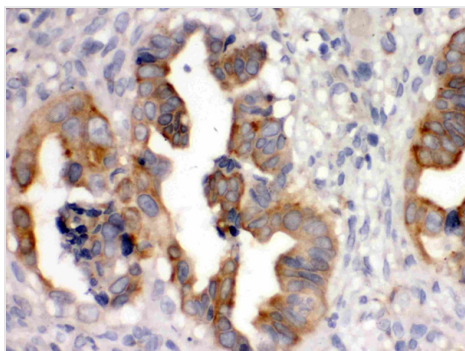
PRODUCT SYNONYMS

SULT2B1; Polyclonal Antibody; Anti-SULT2B1 Antibody; Sulfotransferase family cytosolic 2B member 1; Alcohol sulfotransferase; EC 2.8.2.2; HSST2; Hydroxysteroid sulfotransferase 2; ST2B1; ST2B1_HUMAN; Sulfotransferase 2B1; SULT2B1a; SULT2B1b; sulfotransferase family 2B member 1; anti-SULT2B1 antibody

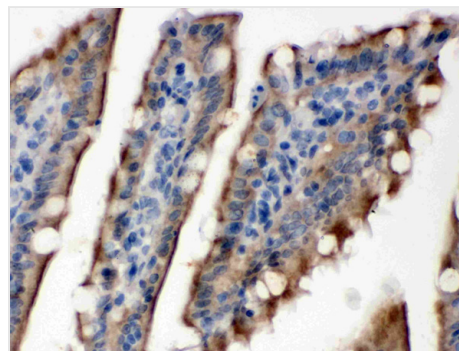
PRODUCT SPECIFICATIONS

Reactivity	Human, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	350
Applicable Applications for anti-SULT2B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SULT2B1 (190-218aa FDHIKGWLRMKGKDNFLFITYEELQDDLQ), different from the related mouse sequence by six amino acids, and from the related rat sequence by five amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

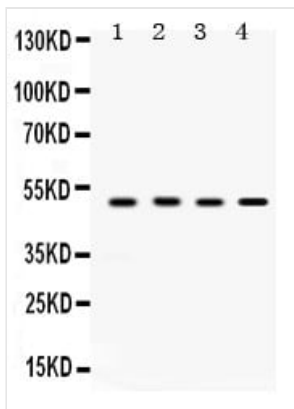
IMAGES



IHC (Immunohistochemistry)
Anti- SULT2B1 Picoband antibody, AAA46244, IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti- SULT2B1 Picoband antibody, AAA46244, IHC(P)IHC(P): Rat Intestine Tissue



WB (Western Blot)
 Anti- SULT2B1 Picoband antibody, AAA46244, Western blottingAll lanes: Anti SULT2B1 (AAA46244) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: A431 Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 48KDObserved bind size: 48KD

ADDITIONAL INFORMATION

Related Product Information for anti-SULT2B1 antibody	Description: Rabbit IgG polyclonal antibody for Sulfotransferase family cytosolic 2B member 1(SULT2B1) detection. Tested with WB, IHC-P in Human;Rat. Background: Sulfotransferase family cytosolic 2B member 1 is an enzyme that in humans is encoded by the SULT2B1 gene. 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. And this gene sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described.
References	1. "Entrez Gene: SULT2B1 sulfotransferase family, cytosolic, 2B, member 1". 2. Geese WJ, Raftogianis RB (2001). "Biochemical characterization and tissue distribution of human SULT2B1". Biochem. Biophys. Res. Commun. 288 (1): 280-9. 3. Her C, Wood TC, Eichler EE, Mohrenweiser HW, Ramagli LS, Siciliano MJ, Weinshilboum RM (Dec 1998). "Human hydroxysteroid sulfotransferase SULT2B1: two enzymes encoded by a single chromosome 19 gene". Genomics 53 (3): 284-95.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31563388
NCBI GeneID	6820
NCBI Accession #	NP_004596.2
NCBI GenBank Nucleotide #	NM_004605.2
UniProt Accession #	O00204; O00205; O75814
Molecular Weight	39,599 Da
NCBI Official Full Name	sulfotransferase family cytosolic 2B member 1 isoform a
NCBI Official Synonym Full Names	sulfotransferase family 2B member 1
NCBI Official Symbol	SULT2B1
NCBI Official Synonym Symbols	HSST2
NCBI Protein Information	sulfotransferase family cytosolic 2B member 1
UniProt Protein Name	Sulfotransferase family cytosolic 2B member 1
UniProt Gene Name	SULT2B1

UniProt Synonym Gene Names	HSST2; ST2B1; Sulfotransferase 2B1
UniProt Entry Name	ST2B1_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/sult2b1-antibody-immunohistochemistry-western-blot-elisa/46244>