

SULT2A1 Polyclonal Antibody | anti-SULT2A1 antibody

Anti-SULT2A1 Antibody

CATALOG # AAA46256	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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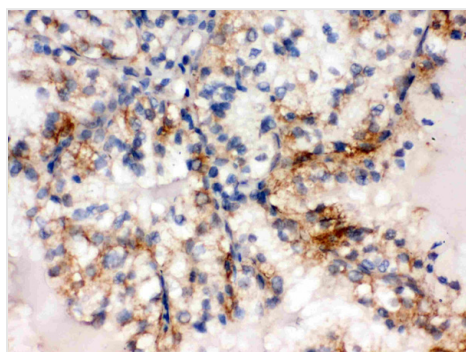
PRODUCT SYNONYMS

SULT2A1; Polyclonal Antibody; Anti-SULT2A1 Antibody; Bile salt sulfotransferase; Alcohol/hydroxysteroid sulfotransferase; Bile salt sulfotransferase 2A1; Dehydroepiandrosterone sulfotransferase; DHEA ST; DHEA sulfotransferase; DHEA-ST; DHEAS; EC 2.8.2.14; Hst; hSTa; Hydroxysteroid sulfotransferase; ST2; ST2A1; ST2A1_HUMAN; ST2A3; STD; sulfotransferase; dehydroepiandrosterone-preferring; Sulfotransferase 2A1; Sulfotransferase family 2A; member 1; Sulfotransferase family cytosolic 2A dehydroepiandrosterone (DHEA) preferring member 1; Sult2a1; sulfotransferase family 2A member 1; anti-SULT2A1 antibody

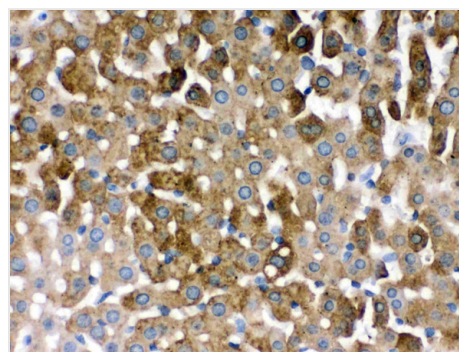
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	285
Applicable Applications for anti-SULT2A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SULT2A1 (253-285aa DWKNHFTVAQAEDFDKLFQEKMDLPRELPWE), different from the related mouse sequence by seven amino acids, and from the related rat sequence by eight 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.

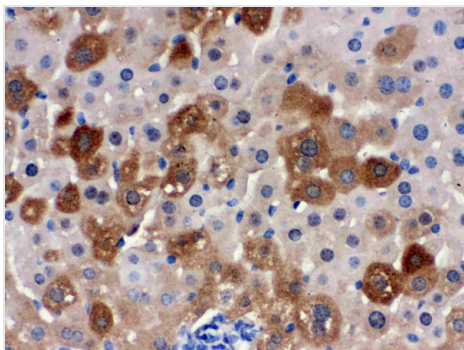
IMAGES



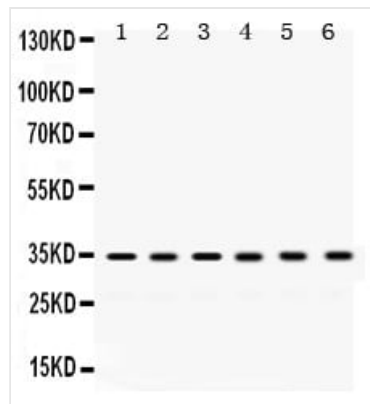
IHC (Immunohistochemistry)
Anti- SULT2A1 Picoband antibody, AAA46256, IHC(P)IHC(P): Human Renal Cancer Tissue



IHC (Immunohistochemistry)
Anti- SULT2A1 Picoband antibody, AAA46256, IHC(P)IHC(P): Rat Liver Tissue



IHC (Immunohistochemistry)
Anti- SULT2A1 Picoband antibody, AAA46256, IHC(P)IHC(P): Mouse Liver Tissue



WB (Western Blot)
Anti- SULT2A1 Picoband antibody, AAA46256, Western blottingAll lanes: Anti SULT2A1 (AAA46256) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Rat Kidney Tissue Lysate at 50ugLane 3: Mouse Liver Tissue Lysate at 50ugLane 4: Mouse Kidney Tissue Lysate at 50ugLane 5: HELA Whole Cell Lysate at 40ugLane 6: SW620 Whole Cell Lysate at 40ugPredicted bind size: 34KDObserved bind size: 34KD

ADDITIONAL INFORMATION

Related Product Information for anti-SULT2A1 antibody	Description: Rabbit IgG polyclonal antibody for Bile salt sulfotransferase(SULT2A1) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Bile salt sulfotransferase, also known as hydroxysteroid sulfotransferase (HST) or sulfotransferase 2A1 (ST2A1), is an enzyme that in humans is encoded by the SULT2A1 gene. It is mapped to 19q13.3. This gene encodes a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances into more hydrophilic water-soluble sulfate conjugates that can be easily excreted. This protein catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands, and may have a role in the inherited adrenal androgen excess in women with polycystic ovary syndrome.
References	1. "Entrez Gene: SULT2A1 sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1". 2. Otterness DM, Wieben ED, Wood TC, Watson WG, Madden BJ, McCormick DJ, Weinshilboum RM (May 1992). "Human liver dehydroepiandrosterone sulfotransferase: molecular cloning and expression of cDNA". Mol. Pharmacol. 41(5): 865-72. 3. Otterness DM, Mohrenweiser HW, Brandriff BF, Weinshilboum RM (1995). "Dehydroepiandrosterone sulfotransferase gene (STD): localization to human chromosome band 19q13.3". Cytogenet. Cell Genet. 70 (1-2): 45-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29540545
NCBI GeneID	6822
NCBI Accession #	NP_003158.2
NCBI GenBank Nucleotide #	NM_003167.3
UniProt Accession #	Q06520
Molecular Weight	33,780 Da
NCBI Official Full Name	bile salt sulfotransferase
NCBI Official Synonym Full Names	sulfotransferase family 2A member 1
NCBI Official Symbol	SULT2A1
NCBI Official Synonym Symbols	HST; ST2; STD; hSTa; DHEAS; ST2A1; ST2A3; DHEA-ST
NCBI Protein Information	bile salt sulfotransferase
UniProt Protein Name	Bile salt sulfotransferase

UniProt Gene Name	SULT2A1
UniProt Synonym Gene Names	HST; STD; DHEA-ST; HST; ST2A1
UniProt Entry Name	ST2A1_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://stage.aaabiotech.com/polyclonal/sult2a1-antibody-immunohistochemistry-western-blot-elisa/46256>