

Rabbit SULT2A1 Polyclonal Antibody | anti-SULT2A1 antibody

SULT2A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327072	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

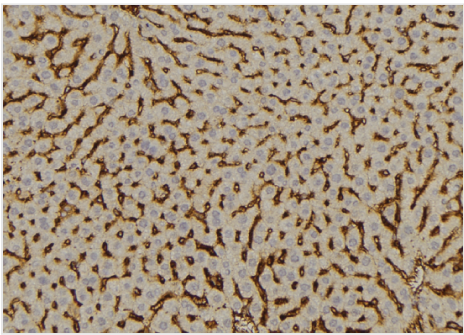
PRODUCT SYNONYMS

SULT2A1; Polyclonal Antibody; SULT2A1 Antibody; Alcohol/hydroxysteroid sulfotransferase; Bile salt sulfotransferase 2A1; Bile salt sulfotransferase; 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; anti-SULT2A1 antibody

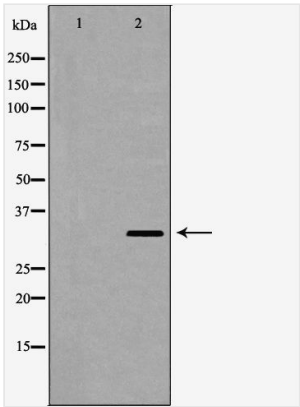
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SULT2A1 antibody detects endogenous levels of total SULT2A1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	285
Applicable Applications for anti-SULT2A1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SULT2A1
Subcellular Location	Cytoplasm.
Tissue Specificity	Liver, adrenal and at lower level in the kidney. Is present in human fetus in higher level in the adrenal than the liver and the kidney.
Predicted Cross Reactivity	Bovine, Horse, Rabbit
Similarity	Bovine (83%), Horse (83%), Rabbit (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327072 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Hela cell lysate, using SULT2A1 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SULT2A1 antibody	Description: 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. Function: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfonation of steroids and bile acids in the liver and adrenal glands. Subunit Structure: Homodimer. Post-translational Modifications: The N-terminus is blocked. Similarity: Belongs to the sulfotransferase 1 family.
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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	Observed: 34 kDa Predicted: 34 kDa
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

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/327072>