

Mouse anti-Human SULT2A1 Monoclonal Antibody | anti-SULT2A1 antibody

SULT2A1 antibody

CATALOG # AAA48953	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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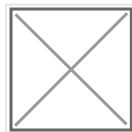
PRODUCT SYNONYMS

SULT2A1; Monoclonal Antibody; SULT2A1 antibody; Bile salt sulfotransferase; DHEA-ST; DHEAS; HST; hSTa; ST2; ST2A1; ST2A3; anti-SULT2A1 antibody

PRODUCT SPECIFICATIONS

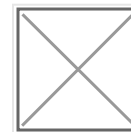
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT13E10
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	285
Applicable Applications for anti-SULT2A1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human SULT2A1 (1-285aa) purified from E Coli.
Clone Note	Anti-human SULT2A1 mAb, clone AT13E10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human SULT2A1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of SULT2A1 in Hep3B. The cell was stained with ATGA0491 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human SULT2A1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HepG2 cell lysate. The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human SULT2A1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: SULT2A1 transfected 293T cell lysate. Lane 2.: 293T cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-SULT2A1 antibody	SULT2A1, also known dehydroepiandrosterone sulphotransferase, belongs to the sulfotransferase family. This protein is mainly expressed in liver and adrenal tissues, and to a lesser extent in kidney. It catalyzes the 3'-phosphoadenosine 5'-phosphosulfate-dependent sulfation of a wide variety of steroids in human liver and adrenal tissues, and is also responsible for most of the sulfation of bile acids in human liver.
Product Categories/Family for anti-SULT2A1 antibody	Signal Transduction; Metabolism
References	Otterness D.M. et al. (1992) Mol. Pharmacol. 41: 865-872. ; Comer K.A. et al. (1993) Biochem. J. 289: 233-240.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29540545
NCBI GeneID	6822
NCBI Accession #	NP_003158
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

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/monoclonal/sult2a1-antibody-clone-at13e10-immunofluorescence-immunocytochemistry-western-blot-elisa/48953>