

Mouse anti-Human SULT2B1 Monoclonal Antibody | anti-SULT2B1 antibody

SULT2B1

CATALOG # AAA290960	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SULT2B1; Monoclonal Antibody; Purified Mouse Monoclonal Antibody (Mab); Sulfotransferase family cytosolic 2B member 1; ST2B1; Sulfotransferase 2B1; 2.8.2.2; Alcohol sulfotransferase; Hydroxysteroid sulfotransferase 2; HSST2; anti-SULT2B1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,kappa
Clone Number	2142CT1553.26.63
Specificity	This antibody is generated from a mouse immunized with a recombinant protein from human.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Applicable Applications for anti-SULT2B1 antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-SULT2B1 at 1:8000 dilution + MCF-7 whole cell lysate. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.



WB (Western Blot)

All lanes : Anti-SULT2B1 at 1:2000 dilution. Lane 1: MCF-7 whole cell lysate. Lane 2: MDA-MB-468 whole cell lysate. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SULT2B1 antibody

Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze 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. Sulfates hydroxysteroids like DHEA. Isoform 1 preferentially sulfonates cholesterol, and isoform 2 avidly sulfonates pregnenolone but not cholesterol. Plays a role in epidermal cholesterol metabolism and in the regulation of epidermal proliferation and differentiation.

Product Categories/Family for anti-SULT2B1 antibody	Crown Antibodies ; Primary Antibodies ; Cardiovascular ; Metabolism ; Signal Transduction
References	Her C.,et al.Genomics 53:284-295(1998).Grimwood J.,et al.Nature 428:529-535(2004).Fuda H.,et al.J. Biol. Chem. 277:36161-36166(2002).He D.,et al.Drug Metab. Dispos. 34:1749-1755(2006).Salman E.D.,et al.J. Steroid Biochem. Mol. Biol. 127:315-323(2011). PubMed: http://www.uniprot.org/citations/28575648

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, cytosolic, 2B, member 1
NCBI Official Symbol	SULT2B1
NCBI Official Synonym Symbols	HSST2
NCBI Protein Information	sulfotransferase family cytosolic 2B member 1; ST2B1; alcohol sulfotransferase; hydroxysteroid sulfotransferase 2; sulfotransferase 2B1
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://stage.aaabiotech.com/monoclonal/sult2b1-antibody-clone-2142ct1553-26-63-western-blot-elisa/290960>