

ARG57544 anti-SULT2A1 antibody [13E10]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [13E10] recognizes SULT2A1
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	13E10
Isotype	IgG2a, kappa
Target Name	SULT2A1
Species	Human
Immunogen	Recombinant Human SULT2A1 (aa. 1-285) purified from E.coli.
Conjugation	Un-conjugated
Alternate Names	STD; HST; EC 2.8.2.14; ST2A3; ST2A1; Hydroxysteroid Sulfotransferase; Bile salt sulfotransferase; ST2; DHEAS; Sulfotransferase 2A1; hSTa; DHEA-ST; Dehydroepiandrosterone sulfotransferase

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

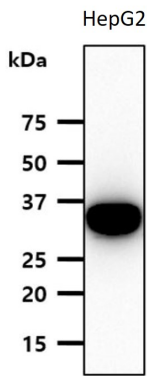
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

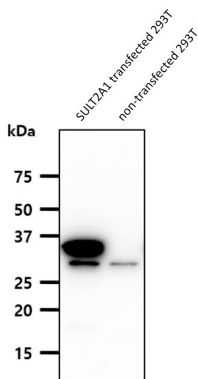
Gene Symbol	SULT2A1
Gene Full Name	sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
Background	This gene encodes a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances 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. [provided by RefSeq, Mar 2010]
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. [UniProt]
Calculated Mw	34 kDa
PTM	The N-terminus is blocked. [UniProt]

Images



ARG57544 anti-SULT2A1 antibody [13E10] WB image

Western blot: 40 µg of HepG2 cell lysate stained with ARG57544 anti-SULT2A1 antibody [13E10] at 1:1000 dilution.



ARG57544 anti-SULT2A1 antibody [13E10] WB image

Western blot: 40 µg of SULT2A1 transfected and non-transfected 293T cell lysates stained with ARG57544 anti-SULT2A1 antibody [13E10] at 1:1000 dilution.