

Product datasheet for **CF501694**

SULT2A1 Mouse Monoclonal Antibody [Clone ID: OTI4D7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4D7
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:1000~2000, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SULT2A1 (NP_003158) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33.6 kDa
Gene Name:	sulfotransferase family 2A member 1
Database Link:	NP_003158 Entrez Gene 6822 Human Q06520



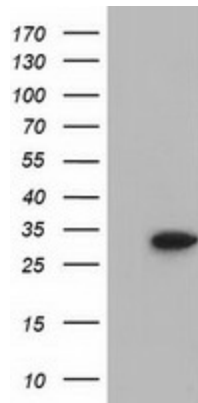
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Background:

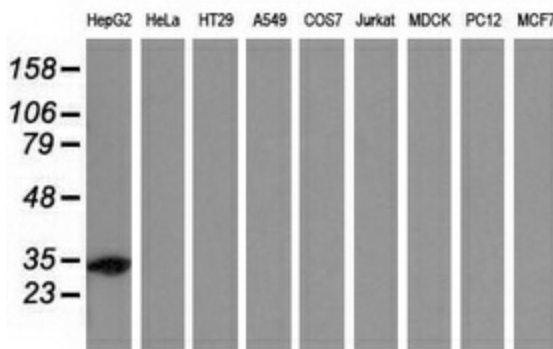
This gene encodes a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances into more hydrophilic water-soluble sulfate conjugates that can be easily excreted. This protein catalyzes the sulfation of steroids and 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]

Synonyms:

DHEA-ST; DHEA-ST8; DHEAS; HST; hSTa; ST2; ST2A1; ST2A3; STD; SULT2A3

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SULT2A1 (Cat# [RC204737], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SULT2A1 (Cat# [TA501694]). Positive lysates [LY418856] (100ug) and [LC418856] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SULT2A1 monoclonal antibody.

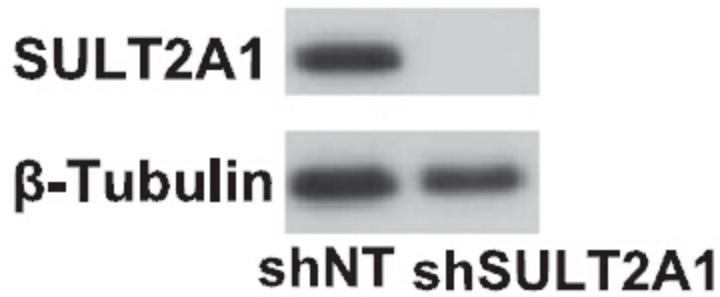
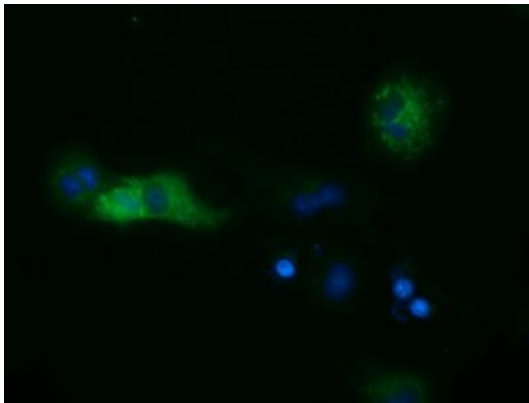
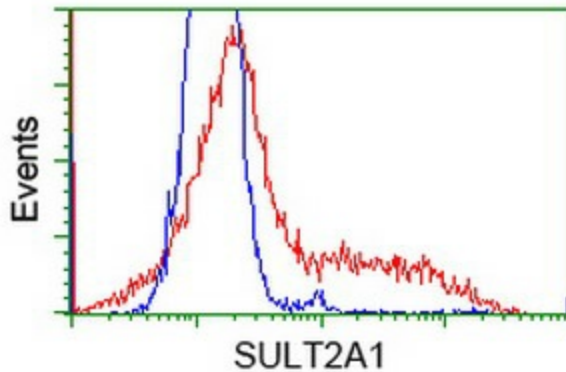


Figure from citation: Western Blot of SULT2A1 protein level by using anti-SULT2A1 antibody in human HepG2 cells. Dilution: 1:5000 [View Citation](#)



Anti-SULT2A1 mouse monoclonal antibody ([TA501694]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SULT2A1 ([RC204737]).



HEK293T cells transfected with either [RC204737] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SULT2A1 antibody ([TA501694]), and then analyzed by flow cytometry.