

Sulfotransferase 2A1 Rabbit mAb
Catalog # AP77996**Specification****Sulfotransferase 2A1 Rabbit mAb - Product Information**

Application	WB, IHC-P, FC, ICC
Primary Accession	Q06520
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	33780

Sulfotransferase 2A1 Rabbit mAb - Additional Information**Gene ID** 6822**Other Names**
SULT2A1**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
FC~~1:10~50
ICC~~N/A**Format**
Liquid**Sulfotransferase 2A1 Rabbit mAb - Protein Information****Name** SULT2A1**Synonyms** HST, STD**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. Mediates the sulfation of a wide range of steroids and sterols, including pregnenolone, androsterone, DHEA, bile acids, cholesterol and as well many xenobiotics that contain alcohol and phenol functional groups (PubMed:14573603, PubMed:18042734, PubMed:19589875, PubMed:21187059, PubMed:2268288, PubMed:29671343, PubMed:7678732, PubMed:7854148). Sulfonation increases the water solubility of most compounds, and therefore their renal excretion,

but it can also result in bioactivation to form active metabolites. Plays an important role in maintaining steroid and lipid homeostasis (PubMed:14573603, PubMed:19589875, PubMed:21187059). Plays a key role in bile acid metabolism (PubMed:2268288). In addition, catalyzes the metabolic activation of potent carcinogenic polycyclic arylmethanols (By similarity).

Cellular Location

Cytoplasm.

Tissue Location

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

Sulfotransferase 2A1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Sulfotransferase 2A1 Rabbit mAb - Images

