

Product Name: SULT2A1 (5Q7) Rabbit Monoclonal Antibody
Catalog #: AMRe18436



Summary

Production Name	SULT2A1 (5Q7) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	SULT2A1
Alternative Names	HST; ST2; STD; hSTa; DHEAS; ST2A1; ST2A3; DHEA-ST;
Gene ID	6822.0
SwissProt ID	Q06520.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	34kDa

Product Name: SULT2A1 (5Q7) Rabbit Monoclonal Antibody
Catalog #: AMRe18436

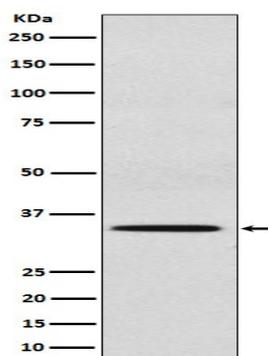


Background

Catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands. Sulfotransferase that utilizes 3'-phospho-5'-adenyl 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:[7678732](http://www.uniprot.org/citations/7678732), PubMed:[2268288](http://www.uniprot.org/citations/2268288), PubMed:[14573603](http://www.uniprot.org/citations/14573603), PubMed:[18042734](http://www.uniprot.org/citations/18042734), PubMed:[19589875](http://www.uniprot.org/citations/19589875), PubMed:[21187059](http://www.uniprot.org/citations/21187059), PubMed:[29671343](http://www.uniprot.org/citations/29671343), PubMed:[7854148](http://www.uniprot.org/citations/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:[21187059](http://www.uniprot.org/citations/21187059), PubMed:[19589875](http://www.uniprot.org/citations/19589875), PubMed:[14573603](http://www.uniprot.org/citations/14573603)). Plays a key role in bile acid metabolism (PubMed:[2268288](http://www.uniprot.org/citations/2268288)). In addition, catalyzes the metabolic activation of potent carcinogenic polycyclic arylmethanols (By similarity).

Research Area

Image Data



Western blot analysis of SULT2A1 expression in HepG2 cell lysate.

**Product Name: SULT2A1 (5Q7) Rabbit Monoclonal
Antibody**
Catalog #: AMRe18436



Note

For research use only.