
Product Name: SULT2B1 Mouse Monoclonal Antibody**Catalog #: AMM86124**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:2000-1:8000
Molecular Weight	41.3kDa

Antigen Information

Gene Name	SULT2B1
Alternative Names	Sulfotransferase family cytosolic 2B member 1, ST2B1, Sulfotransferase 2B1, 2.8.2.2, Alcohol sulfotransferase, Hydroxysteroid sulfotransferase 2, SULT2B1, HSST2
Gene ID	6820.0
SwissProt ID	O00204
Immunogen	This antibody is generated from a mouse immunized with a recombinant protein from human.

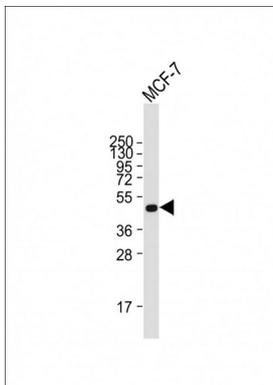
Background

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 (PubMed:28575648).

Research Area

Image Data



Anti-SULT2B1 at 1:8000 dilution + MCF-7 whole cell lysate