

Anti-SULT2B1

Catalog Number: M05748

About SULT2B1

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](#)).

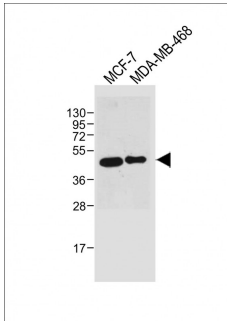
Overview

Product Name	Anti-SULT2B1
Reactive Species	Human
Description	Boster Bio Anti-SULT2B1 (Catalog # M05748). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 2142CT1553.26.63
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	O00204

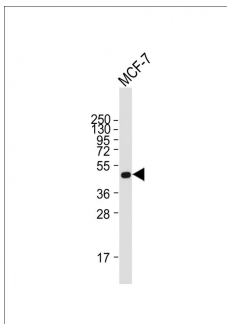
Technical Details

Immunogen	This antibody is generated from a mouse immunized with a recombinant protein from human.
Predicted Reactive Species	Human
Isotype	IgG1,kappa
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:8000

Anti-SULT2B1 (M05748) Images



All lanes : Anti-SULT2B1 at 1:2000 dilution
Lane 1: MCF-7 whole cell lysate
Lane 2: MDA-MB-468 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-SULT2B1 at 1:8000 dilution + MCF-7 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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Anti-SULT2B1

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