

## Anti-SULT1A1

Catalog Number: M03500

### About SULT1A1

Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. Has also estrogen sulfotransferase activity. responsible for the sulfonation and activation of minoxidil. Is Mediates the metabolic activation of carcinogenic N- hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk.

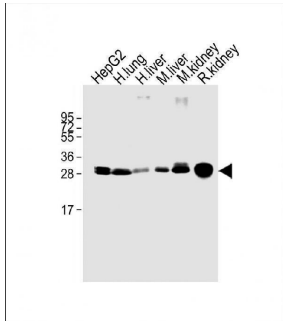
### Overview

Product Name	Anti-SULT1A1
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SULT1A1 (Catalog # M03500). Tested in WB application(s). This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal 2144CT289.81.2
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	P50225

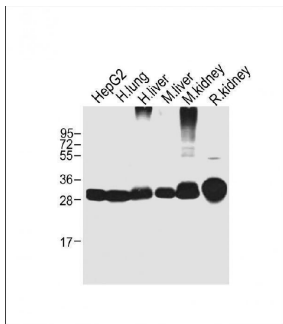
### Technical Details

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

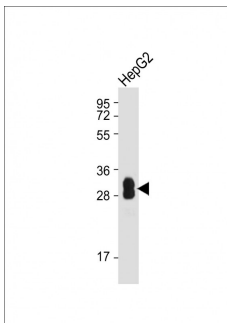
## Anti-SULT1A1 (M03500) Images



All lanes : Anti-SULT1A1 Antibody at 1:1000 dilution  
Lane 1: HepG2 whole cell lysate  
Lane 2: human lung lysate  
Lane 3: human liver lysate  
Lane 4: mouse liver lysate  
Lane 5: mouse kidney lysate  
Lane 6: mouse lung lysate  
Lane 7: rat brain lysate  
Lane 8: rat kidney lysate  
Lane 9: CHO whole cell lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.



All lanes : Anti-SULT1A1 at dilution  
Lane 1: HepG2 whole cell lysate  
Lane 2: Human lung whole cell lysate  
Lane 3: Human liver whole cell lysate  
Lane 4: Mouse liver whole cell lysate  
Lane 5: Mouse kidney whole cell lysate  
Lane 6: Rat kidney 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 : 34 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.



Anti-SULT1A1 at dilution + HepG2 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 : 34 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.

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Anti-SULT1A1

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