Recombinant SULT1A1 Monoclonal Antibody

catalog number: AN300238P

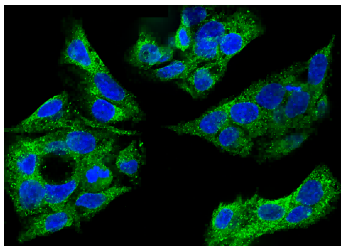
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

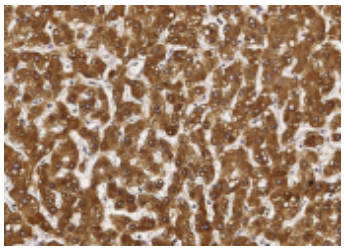
Reactivity	Human
Immunogen	Recombinant Human SULT1A1 protein
Host	Rabbit
Isotype	IgG
Clone	4F12
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
IHC-P	1:100-1:500
ICC/IF	1:20-1:100

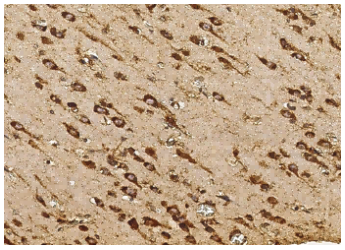
Data



Immunofluorescence analysis of SULT1A1 in HepG2 cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Y SULT1A1 Monoclonal Antibody (dilution ratio 1:60) at 4℃ overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI for nuclear staining (blue).Positive staining was localized to Cytoplasm.



Immunohistochemistry of paraffin-embedded human cirrhosis using SULT1A1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human brain using SULT1A1 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

For Research Use Only

Background

Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. This gene encodes one of two phenol sulfotransferases with thermostable enzyme activity. Multiple alternatively spliced variants that encode two isoforms have been identified for this gene.

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