

ST1B1 rabbit pAb

Catalog No: YT7699

Reactivity: Human; Mouse; Rat

Applications: WB

Target: ST1B1

Gene Name: SULT1B1 ST1B2 SULT1B2

O43704

Q9QWG7

Protein Name: ST1B1

Human Gene Id: 27284

Human Swiss Prot

No:

Mouse Gene Id: 56362

Mouse Swiss Prot

No:

Rat Gene ld: 64305

Rat Swiss Prot No: P52847

Immunogen: Synthesized peptide derived from human ST1B1 AA range: 223-273

Specificity: This antibody detects endogenous levels of ST1B1 at Human/Mouse/Rat

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1 ? 500-2000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 33kD

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.

However, the total genomic length of this gene is greater than that of other SULT1

genes. [provided by RefSeq, Jul 2008],

Function: function:Catalyzes 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 dopamine, small phenols such

as 1-naphthol and p-nitrophenol and thyroid hormones, including 3,3'-diiodothyronine, triidothyronine, reverse triiodothyronine and

thyroxine., similarity: Belongs to the sulfotransferase 1

family.,subunit:Monomer.,tissue specificity:Highly expressed in the liver,

peripheral blood leukocytes, colon (mucosal lining), small intestine (jejunum) and spleen. A lesser expression was observed in the lung, placenta and thymus.,

Subcellular

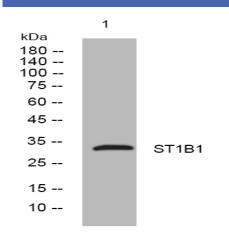
Location : Expression : Cytoplasm.

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small intestine (jejunum) and spleen. A lesser expression was observed in the

lung, placenta and thymus.

Products Images



Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4° over night