

ST1B1 rabbit pAb

Catalog No :	YT7699
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	ST1B1
Gene Name :	SULT1B1 ST1B2 SULT1B2
Protein Name :	ST1B1
Human Gene Id :	27284
Human Swiss Prot No :	O43704
Mouse Gene Id :	56362
Mouse Swiss Prot No :	Q9QWG7
Rat Gene Id :	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, triiodothyronine, 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 : Cytoplasm .

Expression : 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.

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