
SULT1A1 Rabbit pAb

Catalog Number: bs-6283R

Target Protein: SULT1A1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Pig, Chicken, Dog)

Predicted MW: 34 kDa

Entrez Gene: 6817

Swiss Prot: P50225

Source: KLH conjugated synthetic peptide derived from human SULT1A1: 151-250/295.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.107] Xiao-Hu Zhao. et al. Integrative analysis reveals marker genes for intestinal mucosa barrier repairing in clinical patients. ISCIENCE. 2023 May;;106831 WB ; Human . 37250791

[IF=4.667] Guillot et al. Transcript analysis of laser capture microdissected white matter astrocytes and higher phenol sulfotransferase 1A1 expression during autoimmune neuroinflammation. (2015) J.Neuroinflammation. 12:130 IHC ; Mouse . 26141738

[IF=1.813] Lv Le. et al. Green Tea Polyphenols Protect against Acetaminophen-Induced Liver Injury by Regulating the Drug Metabolizing Enzymes and Transporters. Evid-Based Compl Alt. 2020;2020:2696432 WB ; Mouse . 33273950