

Datasheet

SULT1A1 polyclonal antibody

Catalog Number: PAB2532

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of SULT1A1.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to internal region of human SULT1A1.

Host: Rabbit

Reactivity: Human, Mouse

Applications: WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein G purification

Recommend Usage: Western Blot (1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6817

Gene Symbol: SULT1A1

Gene Alias: HAST1/HAST2, MGC131921, MGC5163, P-PST, PST, ST1A3, STP, STP1, TSPST1

Gene Summary: 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. [provided by RefSeq]

References:

1. Active site mutations and substrate inhibition in human sulfotransferase 1A1 and 1A3. Barnett AC, Tsvetanov S, Gamage N, Martin JL, Duggleby RG, McManus ME. J Biol Chem. 2004 Apr 30;279(18):18799-805. Epub 2004 Feb 10.
2. Sulfotransferase 1A1 (SULT1A1) polymorphism and bladder cancer risk: a case-control study. Zheng L, Wang Y, Schabath MB, Grossman HB, Wu X. Cancer Lett. 2003 Dec 8;202(1):61-9.
3. A functional polymorphism in the SULT1A1 gene (G638A) is associated with risk of lung cancer in relation to tobacco smoking. Liang G, Miao X, Zhou Y, Tan W, Lin D. Carcinogenesis. 2004 May;25(5):773-8. Epub 2003 Dec 19.