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SULT1A3

Reactivity: Human Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:34kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human SULT1A3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

STM; HAST; HAST3; M-PST; ST1A3; ST1A5; TL-PST; ST1A3/ST1A4;

Catalog #:A7932

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:6818

Isotype: IgG

Swiss Prot:P50224

Purity: Affinity purification

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 a phenol sulfotransferase with thermolabile enzyme activity. Four sulfotransferase genes are located on the p arm of chromosome 16; this gene and SULT1A4 arose from a segmental duplication. This gene is the most centromeric of the four sulfotransferase genes. Read-through transcription exists between this gene and the upstream SLX1A (SLX1 structure-specific endonuclease subunit homolog A) gene that encodes a protein containing GIY-YIG domains.

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