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SULT1A1

Reactivity: Human Mouse 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 SULT1A1

Storage Buffer:

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

Synonym:

PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; HAST1/HAST2;

Catalog #:A1599

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:6817

Isotype: IgG

Swiss Prot:P50225

Purity: Affinity purification

For research use only.

Background:

SULT1A1, also named as ST1A1, P-PST 1, ST1A3, Ts-PST, P-PST 1, STP and STP1, belongs to the sulfotransferase 1 family. It catalyzes the sulfate conjugation of catecholamines, phenolic drugs and neurotransmitters. SULT1A1 is also responsible for the sulfation and activation of minoxidil. It mediates the metabolic activation of carcinogenic N-hydroxyarylamines to DNA binding products and could so participate as modulating factor of cancer risk. SULT1A1 is one of two phenol sulfotransferases with thermostable enzyme activity.

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