

## 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;

**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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**Catalog #:**A1599

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6817

**Isotype:**IgG

**Swiss Prot:**P50225

**Purity:**Affinity purification

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