

## SULT1A1 Ab

[Images\(2\)](#)

|               |                 |                       |
|---------------|-----------------|-----------------------|
| Cat.#: DF6490 | Concn.: ~1mg/ml | Mol.Wt.: 34kDa        |
| Size:         | Source: Rabbit  | Clonality: Polyclonal |

**Application:** WB 1:500-1:2000, IHC 1:50-1:200  
\*The optimal dilutions should be determined by the end user.

**Reactivity:** Human, Mouse, Rat

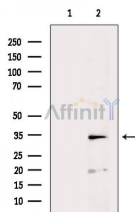
**Storage:** Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

**Purification:** The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

**Immunogen:** A synthesized peptide derived from human SULT1A1, corresponding to a region within the internal amino acids.

**Uniprot:** P50225

**Description:** 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.



Western blot analysis of extracts from Rat muscle, using SULT1A1 Ab. The lane on the left was treated with blocking peptide.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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