

For Research Use Only

SULT1A1 Monoclonal ANTIBODY



Catalog Number: 60076-1-Ig **Featured Product**

Basic Information

| | | |
|--|--|---|
| Catalog Number: 60076-1-Ig | GenBank Accession Number: BC000923 | Purification Method: Protein A purification |
| Size: 150UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 6817 | CloneNo.: 10H6F6 |
| Source: Mouse | Full Name: sulfotransferase family, cytosolic, 1A, WB 1:500-1:5000 phenol-preferring, member 1 | Recommended Dilutions: |
| Isotype: IgG2a | Calculated MW: 34 kDa | |
| Immunogen Catalog Number: AG4611 | Observed MW: 34 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB: pig brain tissue, Jurkat cells, human placenta tissue, human liver tissue, U2OS cells |
| Species Specificity: human, mouse, rat, pig | |

Background Information

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.

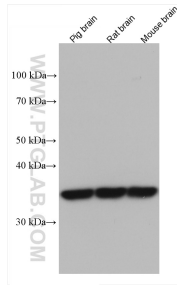
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

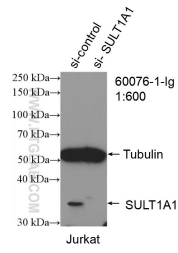
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60076-1-ig (SULT1A1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of SULT1A1 antibody (60076-1-ig; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-SULT1A1 transfected Jurkat cells.