

## SULT4A1 Polyclonal Antibody

Catalog number: 12578-1-AP

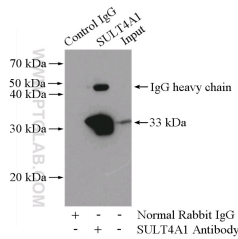
Size: 24 µg/150 µl

Source: Rabbit

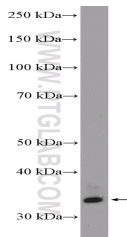
Isotype: IgG

Synonyms:

SULT4A1; BR STL 1, BRSTL1, DJ388M5.3, hBR STL, hBR STL 1, NST, ST4A1, Sulfotransferase 4A1, SULT4A1, SULTX3



IP Result of anti-SULT4A1 (IP:12578-1-AP, 4ug; Detection:12578-1-AP 1:300) with mouse brain tissue lysate 4000ug.



rat brain tissue were subjected to SDS PAGE followed by western blot with 12578-1-AP( SULT4A1 Antibody) at dilution of 1:600

### Background

SULT4A1, also named as SULTX3, NST, ST4A1, hBR-STL and hBR-STL-1, belongs to the sulfotransferase 1 family. It may catalyze the sulfate conjugation of many drugs, xenobiotic compounds, hormones, and neurotransmitters. SULT4A1 displays activity towards L-triiodothyronine, thyroxine, estrone, p-nitrophenol, 2-naphtylamine, and 2-naphtol. It may have a role in the sulfation of drugs and neurotransmitters in the CNS. SULT4A1 is a brain-specific sulfotransferase believed to be involved in the metabolism of neurotransmitters. It is a novel cytosolic sulfotransferase that is primarily expressed in the brain.

### Applications

Tested applications:	ELISA, IP, WB
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse, rat
Calculated SULT4A1 MW:	284aa, 33 kDa
Observed SULT4A1 MW:	33kd
Positive WB detected in	Rat brain tissue, human brain tissue
Positive IP detected in	Mouse brain tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3271
GenBank accession number:	BC022459
Gene ID (NCBI):	25830
Full name:	Sulfotransferase family 4A, member 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.