

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SULT4A1



Numéro de catalogue: 12578-1-AP

Phare

15 Publications

Informations de base

Numéro de catalogue:
12578-1-AP

Taille:
150ul, Concentration: 750 µg/ml by Nanodrop and 393 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3271

Numéro d'acquisition GenBank:
BC022459

Identification du gène (NCBI):
25830

Nom complet:
sulfotransferase family 4A, member 1

MW calculé
284 aa, 33 kDa

MW observés:
30-33 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

Applications

Applications testées:
IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, poisson-zèbre, rat, souris

Contrôles positifs:

WB : tissu cérébral de souris, cerveau de rat, tissu cérébral humain

IP : tissu cérébral de souris,

Informations générales

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.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|--------------------|-----------|----------------------|-------------|
| Claudia Colombrita | 26514432 | Biochim Biophys Acta | WB |
| Shu Xiao-Hong XH | 22096581 | PLoS One | WB, IHC, IF |
| Patrick L Garcia | 29109113 | Drug Metab Dispos | WB, IHC |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

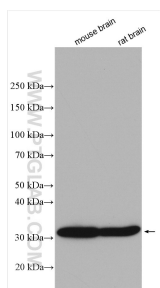
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

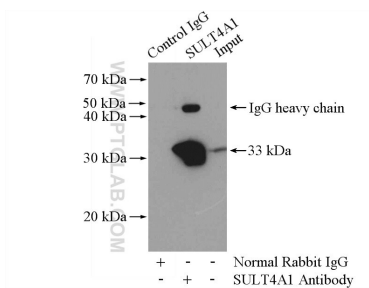
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 12578-1-AP (SULT4A1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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