

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-UGT8



Numéro de catalogue: 17982-1-AP

Phare

8 Publications

Informations de base

Numéro de catalogue:
17982-1-AP

Taille:
150ul, Concentration: 500 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG12393

Numéro d'acquisition GenBank:
BC075069

Identification du gène (NCBI):
7368

Nom complet:
UDP glycosyltransferase 8

MW calculé
541 aa, 61 kDa

MW observés:
61 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:20-1:200

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral de rat, tissu cérébral de souris, tissu de cervelet de souris

IP : tissu cérébral de rat,

IHC : tissu cérébral humain, tissu de cancer du sein humain

Informations générales

UGT8, also known as galactosylceramide synthase or CGT (ceramide galactosyltransferase), is a key enzyme for galactosylceramide (GalCer) biosynthesis. It is an ER transmembrane protein and has limited tissue distribution, with predominance in Schwann cells, oligodendrocytes, kidneys, testes, and intestine. UGT8 is highly enriched in myelin in the central nervous system. Its expression levels are strongly associated with histological typing in human oligodendrogliomas and astrocytomas; can be used as molecular marker to distinguish these tumors. Higher UGT8 levels had also been linked to metastatic properties of cancer cells. This antibody specifically recognizes the endogenous UGT8.

Publications notables

Autrice	Pubmed ID	Journal	Application
Michael R Heaven	34808356	Mol Cell Proteomics	WB, IHC
Qianhua Cao	29728441	J Exp Med	WB, IF
Sierra M. Webb	36034166	Addict Neurosci	WB

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 -20°C

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

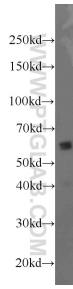
For technical support and original validation data for this product please contact:

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

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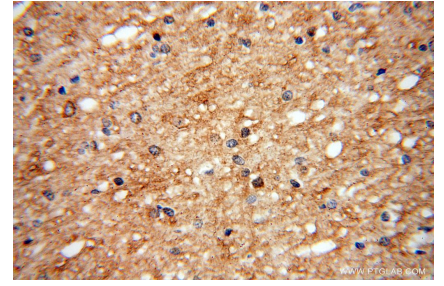
Données de validation sélectionnées



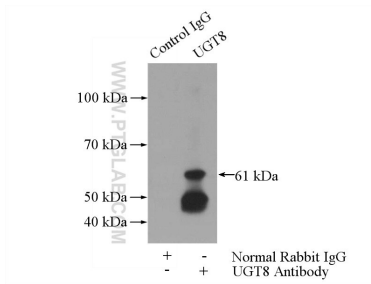
rat brain tissue were subjected to SDS PAGE followed by western blot with 17982-1-AP (UGT8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 17982-1-AP (UGT8 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 17982-1-AP (UGT8 antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-UGT8 (IP:17982-1-AP, 4ug; Detection:17982-1-AP 1:1000) with rat brain tissue lysate 4000ug.