

For Research Use Only

UGT8 Recombinant antibody, PBS Only



Catalog Number: 82874-1-PBS

Basic Information

Catalog Number: 82874-1-PBS	GenBank Accession Number: BC075069	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 7368	CloneNo.: 230107A6
Source: Rabbit	UNIPROT ID: Q16880	
Isotype: IgG	Full Name: UDP glycosyltransferase 8	
Immunogen Catalog Number: AG13137	Calculated MW: 541 aa, 61 kDa	

Applications

Tested Applications:
Indirect ELISA

Species Specificity:
Human

Background Information

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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