

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: 1mg/ml	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.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C  
Storage Buffer:  
PBS Only

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

T: 4006900926

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