

UGT8 Recombinant antibody

Catalog Number: 82874-1-RR

Basic Information

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|---------------------------|------------|---------------------------|---------------------------|----------------------|------------------------|
| Catalog Number: | 82874-1-RR | GenBank Accession Number: | BC075069 | Purification Method: | Protein A purification |
| Size: | 1000 µg/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:
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 -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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