



Anti-UGT8 (aa 400-500) polyclonal antibody (DPABH-17391)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | Catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central nervous system and peripheral nervous system. |
| Immunogen | Synthetic peptide conjugated to KLH derived from within residues 400 - 500 of Human UGT8. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Mouse, Rat |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Size | 100 µg |
| Buffer | pH: 7.40; Constituent: PBS |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

GENE INFORMATION

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| Gene Name | UGT8 UDP glycosyltransferase 9 [Homo sapiens] |
| Official Symbol | UGT8 |
| Synonyms | UGT8; UDP glycosyltransferase 8; CGT; UGT4; 2-hydroxyacylsphingosine 1-beta-galactosyltransferase; cerebroside synthase; ceramide UDP-galactosyltransferase; uridine diphosphate glycosyltransferase 8; UDP-galactose ceramide galactosyltransferase; UDP-galactose-ceramide galactosyltransferase; |
| Entrez Gene ID | 7368 |
| Protein Refseq | NP_001121646.1 |
| UniProt ID | Q16880 |
| Pathway | Cerebroside and sulfatide biosynthesis; Sphingolipid metabolism; |
| Function | 2-hydroxyacylsphingosine 1-beta-galactosyltransferase activity; UDP-galactose:glucosylceramide beta-1,4-galactosyltransferase activity; |
