



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 400 - 500 of Human UGT8.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">UGT8 UDP glycosyltransferase 9 [ Homo sapiens ]</a>
<b>Official Symbol</b>	UGT8
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">7368</a>
<b>Protein Refseq</b>	<a href="#">NP_001121646.1</a>
<b>UniProt ID</b>	<a href="#">Q16880</a>
<b>Pathway</b>	Cerebroside and sulfatide biosynthesis; Sphingolipid metabolism;
<b>Function</b>	2-hydroxyacylsphingosine 1-beta-galactosyltransferase activity; UDP-galactose:glucosylceramide beta-1,4-galactosyltransferase activity;