

UGT8 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51985**Specification**

UGT8 Antibody - Product Information

Application	WB, E
Primary Accession	Q16880
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61 KDa

UGT8 Antibody - Additional Information**Gene ID** 7368**Other Names**

2-hydroxyacylsphingosine 1-beta-galactosyltransferase, Ceramide UDP-galactosyltransferase, Cerebroside synthase, UDP-galactose-ceramide galactosyltransferase, UGT8, CGT, UGT4

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human UGT8. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

UGT8 Antibody - Protein Information**Name** UGT8 ([HGNC:12555](#))**Synonyms** CGT, UGT4**Function**

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 (PubMed:9125199). Galactosylates both hydroxy- and non-hydroxy fatty acid-containing ceramides and diglycerides (By similarity).

Cellular Location

Membrane; Single-pass membrane protein. Endoplasmic reticulum
{ECO:0000250|UniProtKB:Q09426}

UGT8 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UGT8 Antibody - Images**UGT8 Antibody - Background**

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UGT8 Antibody - References

Bosio A., et al. Genomics 34:69-75(1996).
Kapitonov D.E., et al. Biochem. Biophys. Res. Commun. 232:449-453(1997).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Hillier L.W., et al. Nature 434:724-731(2005).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.