

SLC35A2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9645b**Specification**

SLC35A2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P78381](#)**SLC35A2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 7355**Other Names**

UDP-galactose translocator, Solute carrier family 35 member A2, UDP-galactose transporter, UDP-Gal-Tr, UGT, SLC35A2, UGALT, UGT, UGTL

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SLC35A2 Antibody (C-term) Blocking Peptide - Protein Information**Name** SLC35A2 ([HGNC:11022](#))**Synonyms** UGALT, UGT, UGTL**Function**

Transports uridine diphosphate galactose (UDP-galactose) from the cytosol into the Golgi apparatus, functioning as an antiporter that exchanges UDP-galactose for UMP (PubMed: [12682060](http://www.uniprot.org/citations/12682060), PubMed: [9010752](http://www.uniprot.org/citations/9010752)). It is also able to exchange UDP-galactose for AMP and CMP, and to transport UDP-N-acetylgalactosamine (UDP-GalNAc) and other nucleotide sugars (PubMed: [11784306](http://www.uniprot.org/citations/11784306), PubMed: [12682060](http://www.uniprot.org/citations/12682060)). As a provider of UDP-galactose to galactosyltransferases present in the Golgi apparatus, it is necessary for globotriaosylceramide/globoside (Gb3Cer) synthesis from lactosylceramide (PubMed: [30817854](http://www.uniprot.org/citations/30817854)).

Cellular Location

[Isoform 1]: Endoplasmic reticulum membrane. Golgi apparatus membrane; Multi-pass membrane protein

SLC35A2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC35A2 Antibody (C-term) Blocking Peptide - Images**SLC35A2 Antibody (C-term) Blocking Peptide - Background**

Transports nucleotide sugars from the cytosol into Golgi vesicles where glycosyltransferases function.

SLC35A2 Antibody (C-term) Blocking Peptide - References

Sprong, H., et al. Mol. Biol. Cell 14(8):3482-3493(2003)Aoki, K., et al. J. Biol. Chem. 276(24):21555-21561(2001)Kumamoto, K., et al. Cancer Res. 61(11):4620-4627(2001)