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GALT Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP6880b

Specification

GALT Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P07902

GALT Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2592

Other Names
Galactose-1-phosphate uridylyltransferase, Gal-1-P uridylyltransferase, UDP-glucose--hexose-1-phosphate uridylyltransferase, GALT

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6880b was selected from the C-term region of human GALT. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

GALT Antibody (C-term) Blocking Peptide - Protein Information

Name GALT

GALT Antibody (C-term) Blocking Peptide - Background

Galactose-1-phosphate uridyl transferase (GALT) catalyzes the second step of the Leloir pathway of galactose metabolism, namely the conversion of UDP-glucose + galactose-1-phosphate to glucose-1-phosphate + UDP-galactose. The absence of this enzyme results in classic galactosemia in humans and can be fatal in the newborn period if lactose is not removed from the diet.

GALT Antibody (C-term) Blocking Peptide - References

Leslie,N.D., et.al., Genomics 14 (2), 474-480 (1992)

Function
Plays an important role in galactose metabolism.

GALT Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides