

GYG2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18439b

Specification

GYG2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O15488](#)

GYG2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 8908

Other Names

Glycogenin-2, GN-2, GN2, GYG2

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.

GYG2 Antibody (C-term) Blocking Peptide - Protein Information

Name GYG2

Function

Glycogenin participates in the glycogen biosynthetic process along with glycogen synthase and glycogen branching enzyme. It self- glucosylates, via an inter-subunit mechanism, to form an oligosaccharide primer that serves as substrate for glycogen synthase.

Tissue Location

Detected in liver (at protein level) (PubMed:9857012). Expressed preferentially in liver, heart, and pancreas (PubMed:9346895).

GYG2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GYG2 Antibody (C-term) Blocking Peptide - Images

GYG2 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the the glycogenin family. Glycogenin is a self-glucosylating protein involved in the initiation reactions of glycogen biosynthesis. A gene on chromosome 3 encodes the muscle glycogenin and this X-linked gene encodes the glycogenin mainly present in liver; both are involved in blood glucose homeostasis. This gene has a short version on chromosome Y, which is 3' truncated and can not make a functional protein. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

GYG2 Antibody (C-term) Blocking Peptide - References

Gibbons, B.J., et al. J. Mol. Biol. 319(2):463-477(2002) Harris, R.A., et al. Proteomics 2(2):212-223(2002) Zhai, L., et al. Gene 242 (1-2), 229-235 (2000) :Mu, J., et al. J. Biol. Chem. 273(52):34850-34856(1998) Orho, M., et al. J. Clin. Invest. 102(3):507-515(1998)