

GIF Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12975c**Specification**

GIF Antibody (Center) Blocking peptide - Product Information

Primary Accession [P27352](#)

GIF Antibody (Center) Blocking peptide - Additional Information

Gene ID 2694

Other Names

Gastric intrinsic factor, Intrinsic factor, IF, INF, GIF, IFMH

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.

GIF Antibody (Center) Blocking peptide - Protein Information

Name CBLIF ([HGNC:4268](#))

Function

Promotes absorption of the essential vitamin cobalamin (Cbl) in the ileum. After interaction with CUBN, the CBLIF-cobalamin complex is internalized via receptor-mediated endocytosis.

Cellular Location

Secreted.

Tissue Location

Gastric mucosa.

GIF Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GIF Antibody (Center) Blocking peptide - Images

GIF Antibody (Center) Blocking peptide - Background

This gene is a member of the cobalamin transport protein family. It encodes a glycoprotein secreted by parietal cells of the gastric mucosa and is required for adequate absorption of vitamin B12. Vitamin B12 is necessary for erythrocyte maturation and mutations in this gene may lead to congenital pernicious anemia.

GIF Antibody (Center) Blocking peptide - References

Levine, A.J., et al. Cancer Epidemiol. Biomarkers Prev. 19(7):1812-1821(2010) Andersen, C.B., et al. Nature 464(7287):445-448(2010) Ament, A.E., et al. Br. J. Haematol. 144(4):622-624(2009) Remacha, A.F., et al. Ann. Hematol. 87(7):599-600(2008) Mathews, F.S., et al. Proc. Natl. Acad. Sci. U.S.A. 104(44):17311-17316(2007)