

GFPT2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9282c**Specification**

GFPT2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O94808](#)**GFPT2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9945**Other Names**

Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2, D-fructose-6-phosphate amidotransferase 2, Glutamine:fructose-6-phosphate amidotransferase 2, GFAT 2, GFAT2, Hexosephosphate aminotransferase 2, GFPT2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9282c](/products/AP9282c) was selected from the Center region of human GFPT2. 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.

GFPT2 Antibody (Center) Blocking Peptide - Protein Information**Name** GFPT2**Function**

Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins.

Tissue Location

Highest levels of expression in heart, placenta, and spinal cord

GFPT2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GFPT2 Antibody (Center) Blocking Peptide - Images

GFPT2 Antibody (Center) Blocking Peptide - Background

GFPT2 controls the flux of glucose into the hexosamine pathway. This protein most likely involved in regulating the availability of precursors for N-and O-linked glycosylation of proteins.

GFPT2 Antibody (Center) Blocking Peptide - References

Edwards,T.L., et.al., Ann. Hum. Genet. 74 (2), 97-109 (2010) Prasad,P., et.al., BMC Med. Genet. 11, 52 (2010) Srinivasan,V., et.al., Clin. Biochem. 40 (13-14), 952-957 (2007)