

PGM3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18853c**Specification**

PGM3 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O95394](#)**PGM3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 5238**Other Names**

Phosphoacetylglucosamine mutase, PAGM, Acetylglucosamine phosphomutase, N-acetylglucosamine-phosphate mutase, Phosphoglucomutase-3 {ECO:0000312|HGNC:HGNC:8907}, PGM 3, PGM3 ([HGNC:8907](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=8907))

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.

PGM3 Antibody (Center) Blocking Peptide - Protein Information**Name** PGM3 ([HGNC:8907](#))**Function**

Catalyzes the conversion of GlcNAc-6-P into GlcNAc-1-P during the synthesis of uridine diphosphate/UDP-GlcNAc, a sugar nucleotide critical to multiple glycosylation pathways including protein N- and O- glycosylation.

Tissue Location

Found in many tissues except lung. Relatively high expression in pancreas, heart, liver, and placenta, and relatively low expression in brain, skeletal muscle and kidney

PGM3 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PGM3 Antibody (Center) Blocking Peptide - Images

PGM3 Antibody (Center) Blocking Peptide - Background

PGM3 interconverts GlcNAc-6-P and GlcNAc-1-P.

PGM3 Antibody (Center) Blocking Peptide - References

Pang, H., et al. Biochem. Genet. 48 (3-4), 208-214 (2010) :Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Mungall, A.J., et al. Nature 425(6960):805-811(2003)Pang, H., et al. Ann. Hum. Genet. 66 (PT 2), 139-144 (2002) :Mio, T., et al. Biochim. Biophys. Acta 1492 (2-3), 369-376 (2000) :