10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PGM3 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18853c

Specification

PGM3 Antibody (Center) Blocking Peptide - Product Information

Primary 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)

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) :