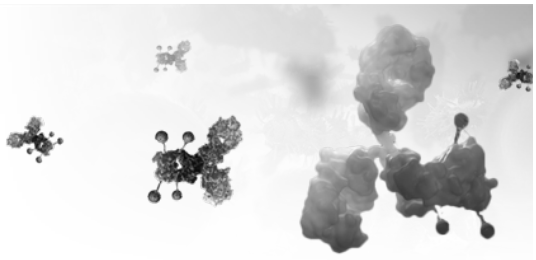

Human PGAM1 blocking peptide (CDBP2265)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PGAM1/PGAM2/PGAM4 antibody
Antigen Description	Phosphoglyceric acid mutase (EC 2.7.5.3) is widely distributed in mammalian tissues where it catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway (summary by Chen et al., 1974 [PubMed 4811757]).[supplied by OMIM, Nov 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	PGAM1 phosphoglycerate mutase 1 (brain) [Homo sapiens]
Official Symbol	PGAM1
Synonyms	PGAM1; phosphoglycerate mutase 1 (brain); PGAMA; phosphoglycerate mutase 1; PGAM B; Phosphoglycerate mutase A; nonmuscle form; BPG-dependent PGAM 1; phosphoglycerate mutase isozyme B; phosphoglycerate mutase A, nonmuscle form; PGAM-B;
Entrez Gene ID	5223

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mRNA Refseq	NM_002629
Protein Refseq	NP_002620
UniProt ID	P18669
Chromosome Location	10q25.3
Pathway	Gluconeogenesis, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, conserved biosystem; Glucose metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, organism-specific biosystem;
Function	bisphosphoglycerate 2-phosphatase activity; bisphosphoglycerate mutase activity; hydrolase activity; isomerase activity; phosphoglycerate mutase activity; phosphoglycerate mutase activity; protein kinase binding;

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