



Anti-PGAM1 (full length) polyclonal antibody (DPAB-DC2229)

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

PRODUCT INFORMATION

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]
Immunogen	PGAM1 (AAH11678.1, 1 a.a. ~ 254 a.a) full-length recombinant protein with GST tag. The sequence is MAAYKLVLRHGESAWNLENRFSGWYDADLSPAGHEEAKRGGQALRDAGYEFDICFTSVQ KRAIRTLWTVLDAIDQMWLPVVRTWRLNERHYGGLTGLNKAETAACHGAEQVKIWRRSYD VPPPPMEPDHPFYSNISKDRRYADLTEDQLPSCESLKDTIARALPFWNEEIVPQIKEGKR VLIAAHGNSLRGIVKHLEGLSEEAIMELNLPTGIPIVYELDKNLKPIKPMQFLGDEETVR KAMEAVAAQGKAKK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PGAM1 phosphoglycerate mutase 1 (brain) [Homo sapiens (human)]
Official Symbol	PGAM1
Synonyms	PGAM1; phosphoglycerate mutase 1 (brain); PGAMA; PGAM-B; HEL-S-35; phosphoglycerate mutase 1; BPG-dependent PGAM 1; phosphoglycerate mutase isozyme B; epididymis secretory protein Li 35; phosphoglycerate mutase A, nonmuscle form;
Entrez Gene ID	5223
Protein Refseq	NP_002620
UniProt ID	P18669
Chromosome Location	10q25.3
Pathway	Biosynthesis of amino acids; Carbon metabolism; Disease; Gluconeogenesis, oxaloacetate =>
Function	bisphosphoglycerate 2-phosphatase activity; bisphosphoglycerate mutase activity; phosphoglycerate mutase activity; protein binding