G-Biosciences Image not found or type unknown

Immunotag™ PGK2 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN1053
Product Description	Immunotag™ PGK2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PGK2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 80-160
Specificity	PGK2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PGK2 PGKB
Accession No.	P07205 P09041

Antibody Specification

Description	phosphoglycerate kinase 2(PGK2) Homo sapiens This gene is intronless, arose via retrotransposition of the phosphoglycerate kinase 1 gene, and is expressed specifically in the testis. Initially assumed to be a pseudogene, the encoded protein is actually a functional phosphoglycerate kinase that catalyzes the reversible conversion of 1,3-bisphosphoglycerate to 3-phosphoglycerate, during the Embden-Meyerhof-Parnas pathway of glycolysis, in the later stages of spermatogenesis.[provided by RefSeq, May 2010],
Cell Pathway/ Category	Glycolysis / Gluconeogenesis,
Protein Expression	Brain,Testis,
Subcellular Localization	nucleus,cytoplasm,sperm fibrous sheath,extracellular exosome,
Protein Function	catalytic activity:ATP + 3-phospho-D-glycerate = ADP + 3-phospho-D-glyceroyl phosphate.,online information:Phosphoglycerate kinase entry,pathway:Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 2/5.,similarity:Belongs to the phosphoglycerate kinase family.,subunit:Monomer.,tissue specificity:Testis specific.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.