

DNAPab

Hard-to-Find
Antibody

PGK2 DNAPab

Catalog # H00005232-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PGK2 DNA using DNAP™ Immune technology.

Technology [DNAP™ Immune](#)

Immunogen Full-length human DNA

Sequence MSLSKKLTLDKLDVRGKRVIMRVDFNVPMKKNQITNNQRIKASIPSIKYCLDNGAKAVVLMShLGR PDGVMPDPKYS LAPVAVELK SLLGKDVLFLKDCVGAEVEKACANPAPG SVILLENLRFHVEEEG KGQDP SGKKIKAEPDKIEAFRASLSKLGDVYVND AFGTAHRAHSSMVGVNLPHKASGFLMKKEL DYFAKALENPVRPFLAILGGAKVADKIQLIKNMLDKVNEMIIGGGMAYTFLKVLNNMEIGASLFDDEE GAKIVKDIMAKAQKNGVRITFPVDFVTGDKFDENAQVGKATVASGISPGWMGLDCGPESNKNHA QVVAQARLMWNGPLGVFEWDAFAKGTKALMDEIVKATSKGCITVIGGGDTATCCAKWNTEDKV SHVSTGGGASLELLEGGILPGVEALSNM

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PGK2

Entrez GeneID	5232
GeneBank Accession#	BC038843
Protein Accession#	AAH38843
Gene Name	PGK2
Gene Alias	PGK-2, PGKB, PGKPS, dJ417L20.2
Gene Description	phosphoglycerate kinase 2
Omim ID	172270
Gene Ontology	Hyperlink
Gene Summary	The PGK2 gene encodes a testis-specific form of phosphoglycerate kinase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. See also PGK1 (MIM 311800), which is ubiquitously expressed in all somatic tissues and maps to chromosome Xq13.[supplied by OMIM]
Other Designations	OTTHUMP00000016591 phosphoglycerate kinase 1, pseudogene 2 phosphoglycerate kinase autosomal pseudogene

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Carbon fixation in photosynthetic organisms](#)

- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)