

DNAxPAb

Hard-to-Find
Antibody

PFKP DNAxPab

Catalog # H00005214-W01P

Size 200 ug

Specification

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

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MDADDSRAPKGSRLRFLEHL SGAGKAIGVLTSGGDAQGMNAAVRAVVRMGIVGAKVYFIYEGY QGMVDGGSNIAEADWESVSSILQVGGTIIGSARCQAFRTREGRLKAACNLLQRGITNLCVIGGDGS LTGANLFRKEWWSGLLEELARNGQIDKEAVQKYAYLNVVGMVGSIDNDFCGTDMTIGTDSALHRIIEV VDAIMTTAQSHQRTFVLEVMGRHCGYLALVSALACGADWVFLPESPPEEGWEEQMCVKLSENR ARKKRLNIIIVAEGAIDTQNKPIITSEKIKELVVTQLGYDTRVTILGHVQRGGTPSAFDRILASRMGVEA VIALLEATPDTPACVVSLNGNHAVRLPLMECVQMTQDVQKAMDERRFQDAVRLRGRSFAGNLNT YKRLAIKLPDDQIPKTNCNVAVINVGAPAAAGMNAAVRSABRVGIADGHRMLAYDGFDFGAKGQIK EIGWTDVGGWTGQGGSGILGTRVLP GKYLEEATQMRTHSINALLIIGGFEAYLGLLELSAAREKHEE FCVPMVMVPATVSNNVPGSDFSIGADTALNTITDTCDRIKQSASGTRRVFIETMGGYCGYLANM GGLAAGADAAYIFEFPDIRDLQSNVEHLTEKMKTTIQRGLVLRNESCSENYTTDFIYQLYSEEGKG VFDCRKNVLGHMQGGGAPSPFDRNFGTKISARAMEWITAKLKEARGRGKKFTTDDSDICVLGISKR NVIFQPVAELKKQTDFEHRIPKEQWWLKLRLPLMKILAKYKASYDVSDSGQLEHVQPWSV

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 — PFKP

Entrez GeneID [5214](#)

GeneBank Accession# [NM_002627.3](#)

Protein Accession# [NP_002618.1](#)

Gene Name PFKP

Gene Alias FLJ40226, PFK-C, PFKF

Gene Description phosphofructokinase, platelet

Omim ID [171840](#)

Gene Ontology [Hyperlink](#)

Gene Summary The PFKP gene encodes the platelet isoform of phosphofructokinase (PFK) (ATP:D-fructose-6-phosphate-1-phosphotransferase, EC 2.7.1.11). PFK catalyzes the irreversible conversion of fructose-6-phosphate to fructose-1,6-bisphosphate and is a key regulatory enzyme in glycolysis. The PFKP gene, which maps to chromosome 10p, is also expressed in fibroblasts. See also the muscle (PFKM; MIM 610681) and liver (PFKL; MIM 171860) isoforms of phosphofructokinase, which map to chromosomes 12q13 and 21q22, respectively. Vora (1981) [PubMed 6451249] determined that full tetrameric phosphofructokinase enzyme expressed in platelets can be composed of subunits P4, P3L, and P2L2.[supplied by OMIM]

Other Designations OTTHUMP00000018966|Phosphofructokinase, platelet type

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](#)
- [Fructose and mannose metabolism](#)
- [Galactose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)

Disease

- [Alzheimer Disease](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Obesity](#)
- [Overweight](#)