DNAxPAb | Hard-to-Find Antibody

PFKL DNAxPab

Catalog # H00005211-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PFKL DNA using DNAx™ Immune tech nology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MCNQGRGRESSRGGLHVQGSCRGLSRSPQQETGFAKAPAGTDCFFHCSPGSRGQGDRKEEV TSEPGGTSIMSRLGGMNAAVRAVTRMGIYVGAKVFLIYEGYEGLVEGGENIKQANWLSVSNIIQLGG TIIGSARCKAFTTREGRRAAAYNLVQHGITNLCVIGGDGSLTGANIFRSEWGSLLEELVAEGKISETT ARTYSHLNIAGLVGSIDNDFCGTDMTIGTDSALHRIMEVIDAITTTAQSHQRTFVLEVMGRHCGYLAL VSALASGADWLFIPEAPPEDGWENFMCERLGETRSRGSRLNIIIIAEGAIDRNGKPISSSYVKDLVV QRLGFDTRVTVLGHVQRGGTPSAFDRILSSKMGMEAVMALLEATPDTPACVVTLSGNQSVRLPL MECVQMTKEVQKAMDDKRFDEATQLRGGSFENNWNIYKLLAHQKPPKEKSNFSLAILNVGAPAA GMNAAVRSAVRTGISHGHTVYVVHDGFEGLAKGQVQEVGWHDVAGWLGRGGSMLGTKRTLPK GQLESIVENIRIYGIHALLVVGGFEAYEGVLQLVEARGRYEELCIVMCVIPATISNNVPGTDFSLGSDT AVNAAMESCDRIKQSASGTKRRVFIVETMGGYCGYLATVTGIAVGADAAYVFEDPFNIHDLKVNVE HMTEKMKTDIQRGLVLRNEKCHDYYTTEFLYNLYSSEGKGVFDCRTNVLGHLQQGGAPTPFDRNY GTKLGVKAMLWLSEKLREVYRKGRVFANAPDSACVIGLKKKAVAFSPVTELKKDTDFEHRMPRE QWWLSLRLMLKMLAQYRISMAAYVSGELEHVTRRTLSMDKGF
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 — PFKL

Entrez GeneID	5211
GeneBank Accession#	NM_001002021.1
Protein Accession#	NP_001002021.1
Gene Name	PFKL
Gene Alias	DKFZp686G1648, DKFZp686L2097, FLJ30173, FLJ40909, PFK-B
Gene Description	phosphofructokinase, liver
Omim ID	171860
Gene Ontology	Hyperlink
Gene Summary	Phosphofructokinase (PFK) is a tetrameric enzyme that catalyzes a key step in glycolysis, namely the conversion of D-fructose 6-phosphate to D-fructose 1,6-bisphosphate. Separate genes encode a muscle subunit (M) and a liver subunit (L). PFK from muscle is a homotetramer of M subunits, PFK from liver is a homotetramer of L-subunits, while PFK from platelets can be composed of any tetrameric combination of M and L subunits. The protein encoded by this gene represents the L subunit. Alternate splicing results in two transcript variants, one of which is a candidate for nonsense-mediated decay (NMD). [provided by RefSeq
Other Designations	6-phosphofructokinase, liver type|liver phosphofructokinase|liver-type 1-phosphofructokinase|phosphofructo-1-kinase isozyme B|phosphofructokinase 1|phosphohexokinase

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

- Drug Toxicity
- Edema
- Hypercholesterolemia