

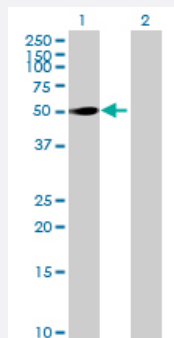
MaxPab®

PFKFB1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005207-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PFKFB1 expression in transfected 293T cell line ([H00005207-T01](#)) by PFKFB1 MaxPab polyclonal antibody.

Lane 1: PFKFB1 transfected lysate(51.81 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PFKFB1 protein.
Immunogen	PFKFB1 (NP_002616.1, 1 a.a. ~ 471 a.a) full-length human protein.
Sequence	MSPEMGELTQTRLQKIWIHSSGSSRLQRRRGSSIPQFTNSPTMVIMVGLPARGKTYISTKLTRYLN WIGTPTKVFNLGQYRREAVSYKNYEFLPDNMEALQIRKQCALAALKDVHNYLSHEEGHVAVFDA TNTTRERRSLILQFAKEHGKVFIFIESICNDPGIAENIRQVKLGSPDYIDCDREKVLEDFLKRIECYE VNYQPLDEELDSHLSYKIFDVGTRYMVNRVQDHIQSRTVYYLMNIHVTPRSMPCRHGESELNIRGRI GGDSGLSVRGKQYAYALANFIQSQGISSLKVWTSRMRKTIQTAEALGVPYEQWKALNEIDAGVCE EMTYEEIQEHYPEEFALRDQDKYRYRYPKGESYEDLVQRLEPVMELERQENLVICHQAVMRCLL AYFLDKSSDELPYLCPLHTVLKLTTPVAYGCKVESMLNVEAVNTHREKPENVDITREPEEALDTV PAHY
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — PFKFB1

Entrez GeneID [5207](#)

GeneBank Accession# [NM_002625.1](#)

Protein Accession# [NP_002616.1](#)

Gene Name PFKFB1

Gene Alias F6PK, HL2K, MGC116715, MGC116717, PFRX

Gene Description 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1

Omim ID [311790](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-biphosphatase enzymes. The enzyme forms a homodimer that catalyzes both the synthesis and degradation of fructose-2,6-biphosphate using independent catalytic domains. Fructose-2,6-biphosphate is an activator of the glycolysis pathway and an inhibitor of the gluconeogenesis pathway. Consequently, regulating fructose-2,6-biphosphate levels through the activity of this enzyme is thought to regulate glucose homeostasis. [provided by RefSeq]

Other Designations 6PF-2-K/Fru-2,6-P2ASE liver isozyme|OTTHUMP00000023391|fructose-2,6-bisphosphatase|fructose-6-phosphate,2-kinase:fructose-2,6-bisphosphatase

Pathway

- [Fructose and mannose metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)