

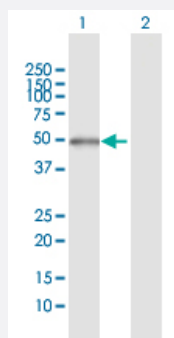
MaxPab®

PFKFB1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005207-D01P

Size 100 ug

Applications

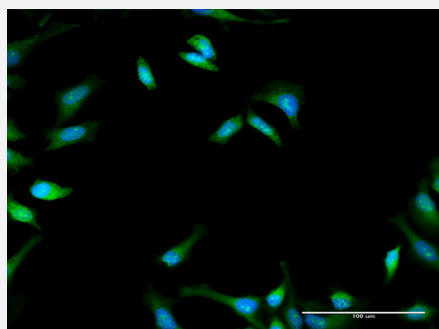


Western Blot (Transfected lysate)

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

Lane 1: PFKFB1 transfected lysate(54.70 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PFKFB1 on HeLa cell. [antibody concentration 20 ug/ml]

Specification

Product Description

Rabbit 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

MSPEMGELTQTRLQKIWIPIHSSGSSRLQRRRGSSIPQFTNSPTMVMVGLPARGKTYISTKLTRYLN
WIGTPTKVFNLGQYRREAVSYKNYEFFLPDNMEALQIRKQCALAALKDVHNYLSHEEGHVAVFDA
TNTTRRRSLILQFAKEHGYKVFFIESICNDPGIIAENIRQVKLGSPDYIDCDREKVLEDFLKRIECYE
VNYQPLDEELDSHLSYKIFDVGTRYMVNRVQDHIQSRTVYYLMNIHVTPRSMLCRHGESELNIRGRI
GGDSGLSVRGKQYAYALANFIQSQGISSLKVWTSRMKRTIQTAEALGPYEQWKALNEIDAGVCE
EMTYEEIQEHYPEEFALRDQDKYRYRYPKGESYEDLVQRLEPVMELERQENVLVICHQAVMRCLL
AYFLDKSSDELPYLCPLHTVLKLTTPVAYGCKVESIYNVEAVNTHREKPVNDITREPEEALDTV
PAHY

Host	Rabbit
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](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PFKFB1 on HeLa cell. [antibody concentration 20 ug/ml]

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](#)