

PFK-2 liv Polyclonal Antibody

Cat No: HR1AP4294

For research use only

Overview

Product Name	PFK-2 liv Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	58kDa
GeneID?Human?	PFKFB1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	PFKFB1; F6PK; PFRX; 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1; 6PF-2-K/Fru-2,6-P2ase 1; PFK/FBPase 1; 6PF-2-K/Fru-2,6-P2ase liver isozyme
Background	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1(PFKFB1) Homo sapiens This gene encodes a member of the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-bisphosphatase enzymes. The enzyme forms a homodimer that catalyzes both the synthesis and degradation of fructose-2,6-bisphosphate using independent catalytic domains. Fructose-2,6-bisphosphate is an activator of the glycolysis pathway and an inhibitor of the gluconeogenesis pathway. Consequently, regulating fructose-2,6-bisphosphate levels through the activity of this enzyme is thought to regulate glucose homeostasis. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2012],