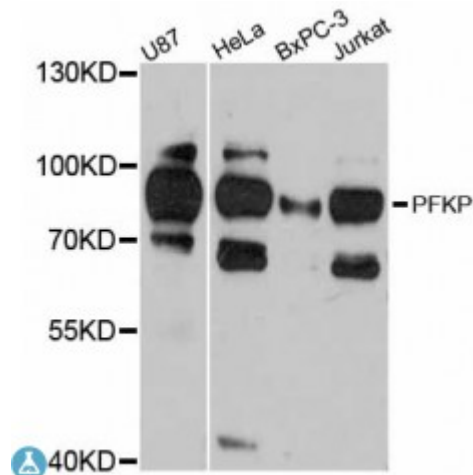


Anti-PFKP Antibody



Description

This gene encodes a member of the phosphofructokinase A protein family. The encoded enzyme is the platelet-specific isoform of phosphofructokinase and plays a key role in glycolysis regulation. This gene may play a role in metabolic reprogramming in some cancers, including clear cell renal cell carcinomas, and cancer of the bladder, breast, and lung. Alternative splicing results in multiple transcript variants.

Model	STJ114053
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 605-784 of human PFKP (NP_002618.1).
Gene ID	5214
Gene Symbol	PFKP
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	ATP-dependent 6-phosphofructokinase platelet type ATP-PFK PFK-P
Molecular Weight	85.596 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:8878OMIM:171840Reactome:R-HSA-70171
Alternative Names	ATP-dependent 6-phosphofructokinase platelet type ATP-PFK PFK-P
Function	Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis
Cellular Localization	Cytoplasm
Post-translational Modifications	GlcNAcylation decreases enzyme activity,

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