

PFKP Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51426

Specification

PFKP Antibody - Product Information

Application	WB, ICC, IHC-P, E
Primary Accession	O01813
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86 KDa

PFKP Antibody - Additional Information

Gene ID 5214

Other Names

ATP-dependent 6-phosphofructokinase, platelet type {ECO:0000255|HAMAP-Rule:MF_03184}, ATP-PFK {ECO:0000255|HAMAP-Rule:MF_03184}, PFK-P, 27111 {ECO:0000255|HAMAP-Rule:MF_03184}, 6-phosphofructokinase type C, Phosphofructo-1-kinase isozyme C, PFK-C, Phosphohexokinase {ECO:0000255|HAMAP-Rule:MF_03184}, PFKP, PFKF

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

PFKP Antibody - Protein Information

Name PFKP

Synonyms PFKF

Function

Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.

Cellular Location

Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03184}.

PFKP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PFKP Antibody - Images

PFKP Antibody - Background

Catalyzes the third step of glycolysis, the phosphorylation of fructose-6-phosphate (F6P) by ATP to generate fructose-1,6-bisphosphate (FBP) and ADP.

PFKP Antibody - References

Eto K., et al. *Biochem. Biophys. Res. Commun.* 198:990-998(1994).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Deloukas P., et al. *Nature* 429:375-381(2004).
Simpson C.J., et al. *Biochem. Biophys. Res. Commun.* 180:197-203(1991).
Rush J., et al. *Nat. Biotechnol.* 23:94-101(2005).