

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

**Specification**

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**PFKP Antibody - Product Information**

Application	<b>WB, ICC, IHC-P, E</b>
Primary Accession	<a href="#">O01813</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>86 KDa</b>

**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).