

# PFKP antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14732

## Product Information

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q01813</a>                                |
| Other Accession   | <a href="#">NM_002627</a> , <a href="#">NP_002618</a> |
| Reactivity        | Human                                                 |
| Predicted         | Human                                                 |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 85596                                                 |

## Additional Information

|                             |                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID                     | 5214                                                                                                                                                                                                                                                                                                                                                               |
| Alias Symbol<br>Other Names | FLJ40226, PFK-C, PFKF<br>ATP-dependent 6-phosphofructokinase, platelet type<br>{ECO:0000255 HAMAP-Rule:MF_03184}, ATP-PFK<br>{ECO:0000255 HAMAP-Rule:MF_03184}, PFK-P, 2.7.1.11<br>{ECO:0000255 HAMAP-Rule:MF_03184}, 6-phosphofructokinase type C,<br>Phosphofructo-1-kinase isozyme C, PFK-C, Phosphohexokinase<br>{ECO:0000255 HAMAP-Rule:MF_03184}, PFKP, PFKF |
| Format                      | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                                                                                                                                                                                                  |
| Reconstitution & Storage    | Add 50 ul of distilled water. Final anti-PFKP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.                                                                                                                                                                      |
| Precautions                 | PFKP antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                |

## Protein Information

|                   |                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Name              | PFKP ( <a href="#">HGNC:8878</a> )                                                                                                    |
| 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}.                                                                                          |

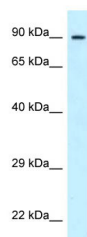
## References

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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).

## Images

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WB Suggested Anti-PFKP Antibody Titration: 1.0 µg/ml  
Positive Control: RPMI-8226 Whole Cell  
PFKP is supported by BioGPS gene expression data to be expressed in RPMI 8226

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.