

## Rabbit PFKL Polyclonal Antibody | anti-PFKL antibody

PFKL Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA179441</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

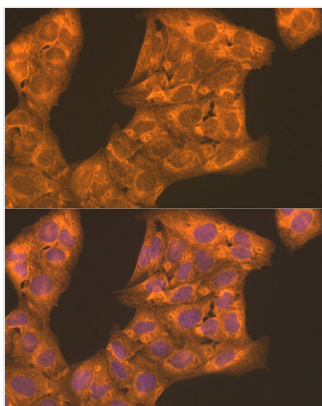
### PRODUCT SYNONYMS

PFKL; Polyclonal Antibody; PFKL Polyclonal Antibody; ATP-PFK; PFK-B; PFK-L; anti-PFKL antibody

### PRODUCT SPECIFICATIONS

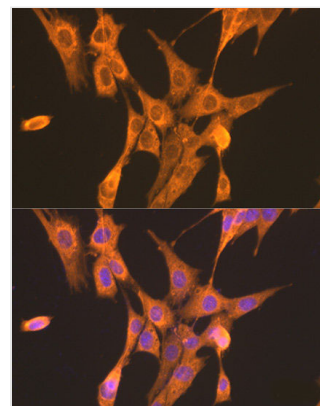
|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Host                                           | Rabbit                                                    |
| Reactivity                                     | Human, Mouse, Rat                                         |
| Clonality                                      | Polyclonal                                                |
| Isotype                                        | IgG                                                       |
| Purity/Purification                            | Affinity purification                                     |
| Form/Format                                    | PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.          |
| Concentration                                  | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-PFKL antibody | IF (Immunofluorescence), WB (Western Blot)                |
| Immunogen                                      | Recombinant fusion protein of human PFKL                  |
| Research Area                                  | Cancer, Metabolism, Signal Transduction                   |
| Preparation and Storage                        | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES



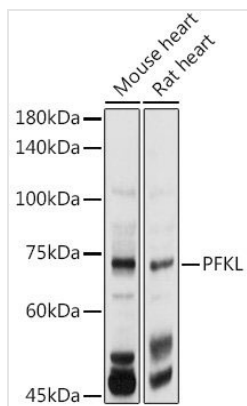
#### IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PFKL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using PFKL Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines using PFKL Polyclonal Antibody at 1:1000 dilution.

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PFKL antibody | This gene encodes the liver (L) subunit of an enzyme that catalyzes the conversion of D-fructose 6-phosphate to D-fructose 1,6-bisphosphate, which is key step in glucose metabolism (glycolysis). This enzyme is tetramer that may be composed of different subunits encoded by distinct genes in different tissues. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-PFKL antibody   | <a href="#">Antibodies</a> ; <a href="#">Primary Antibodies</a> ; <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                               |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">48762920</a>                                                                                                                        |
| NCBI GeneID                      | <a href="#">5211</a>                                                                                                                            |
| NCBI Accession #                 | <a href="#">NP_002617.3</a>                                                                                                                     |
| NCBI GenBank Nucleotide #        | <a href="#">NM_002626.4</a>                                                                                                                     |
| UniProt Accession #              | <a href="#">P17858</a> ; <a href="#">Q96A64</a> ; <a href="#">Q96IH4</a> ; <a href="#">Q9BR91</a>                                               |
| Molecular Weight                 | 85,018 Da                                                                                                                                       |
| NCBI Official Full Name          | 6-phosphofructokinase, liver type                                                                                                               |
| NCBI Official Synonym Full Names | phosphofructokinase, liver                                                                                                                      |
| NCBI Official Symbol             | PFKL                                                                                                                                            |
| NCBI Official Synonym Symbols    | PFK-B                                                                                                                                           |
| NCBI Protein Information         | 6-phosphofructokinase, liver type; phosphohexokinase; phosphofructokinase 1; liver-type 1-phosphofructokinase; phosphofructo-1-kinase isozyme B |
| UniProt Protein Name             | 6-phosphofructokinase, liver type                                                                                                               |
| UniProt Gene Name                | <b>PFKL</b>                                                                                                                                     |
| UniProt Synonym Gene Names       | PFK-B                                                                                                                                           |
| UniProt Entry Name               | K6PL_HUMAN                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pfkl-antibody-immunofluorescence-western-blot-elisa/179441>