

Datasheet for ABIN1968073  
**anti-PFKM antibody (Biotin)**



[Go to Product page](#)

## Overview

|              |                                                       |
|--------------|-------------------------------------------------------|
| Quantity:    | 100 µg                                                |
| Target:      | PFKM                                                  |
| Reactivity:  | Rabbit                                                |
| Host:        | Goat                                                  |
| Clonality:   | Polyclonal                                            |
| Conjugate:   | This PFKM antibody is conjugated to Biotin            |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

## Product Details

|               |                                                                                                                                                                                                                                                                                                                                     |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Fructose-6-Phosphate Kinase [Rabbit Muscle].<br><br>Type of Immunogen: Purified protein                                                                                                                                                                                                                                             |
| Specificity:  | Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum as well as purified and partially purified Fructose-6-Phosphate Kinase [Rabbit Muscle].<br><br>Cross reactivity against Fructose-6-Phosphate Kinase from other sources may occur but have not been specifically determined. |
| Purification: | Ion exchange chromatography                                                                                                                                                                                                                                                                                                         |

## Target Details

|                   |                                                |
|-------------------|------------------------------------------------|
| Target:           | PFKM                                           |
| Alternative Name: | PFKM / PFK-1 ( <a href="#">PFKM Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: PFKM<br><br>Synonyms: PFKM, 6-phosphofructo-1-kinase, GSD7, PFK1, PFKA, PFKX, Phosphofructokinase-M, Phosphofructokinase 1, PFK-1, PFK-A, Phosphofructokinase, muscle, Phosphohexokinase  |
| Gene ID:    | 5213                                                                                                                                                                                                    |
| Pathways:   | <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Warburg Effect</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA (1:4000 - 1:20000), IF, WB (1:500 - 1:2000)<br><br>Usage: This purified antibody has been tested for use in ELISA, immunofluorescence microscopy and western blot. Expect a band approximately 48 kD in size corresponding to the processed mature form of F6PK protein by western blotting in the appropriate cell lysate or extract. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. |
| Comment:           | Target Species of Antibody: Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Handling

|                  |                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                                        |
| Reconstitution:  | Distilled water                                                                                                                                               |
| Concentration:   | Lot specific                                                                                                                                                  |
| Buffer:          | 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 1 % BSA                                                                                           |
| Handling Advice: | avoid freeze thaw cycles                                                                                                                                      |
| Storage:         | 4 °C, -20 °C                                                                                                                                                  |
| Storage Comment: | Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles. Centrifuge product before removing cap. Only dilute immediately prior to use. |