

# PFKFB1 Rabbit pAb

Catalog No.: A10654

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

55kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human

## Background

This gene encodes a member of the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-biphosphatase enzymes. The enzyme forms a homodimer that catalyzes both the synthesis and degradation of fructose-2,6-biphosphate using independent catalytic domains. Fructose-2,6-biphosphate is an activator of the glycolysis pathway and an inhibitor of the gluconeogenesis pathway. Consequently, regulating fructose-2,6-biphosphate levels through the activity of this enzyme is thought to regulate glucose homeostasis. Multiple alternatively spliced transcript variants have been found for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5207

### Swiss Prot

P16118

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

F6PK; HL2K; PFRX; PFKFB1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.