

## PFK-2 car (Phospho Ser466) Rabbit pAb

CatalogNo: YP1872

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- IHC, WB

#### MW

- 58kD (Observed)

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

**IHC 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human PFKFB2 (Phospho Ser466)

**Specificity** This antibody detects endogenous levels of PFKFB2 (Phospho Ser466) Rabbit pAb at Human, Mouse, Rat

### Target Information

**Gene name** PFKFB2

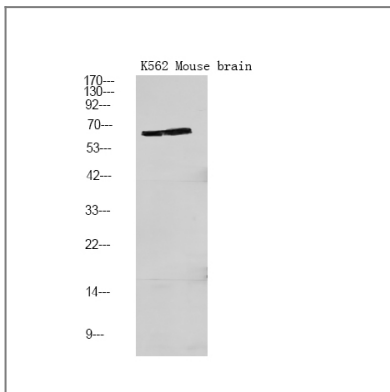
**Protein Name** 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 (6PF-2-K/Fru-2,6-P2ase 2) (PFK/FBPase 2) (6PF-2-K/Fru-2,6-P2ase heart-type isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)]

| Organism | Gene ID                 | UniProt ID               |
|----------|-------------------------|--------------------------|
| Human    | <a href="#">5208</a> ;  | <a href="#">O60825</a> ; |
| Mouse    | <a href="#">18640</a> ; | <a href="#">P70265</a> ; |
| Rat      | <a href="#">24640</a> ; | <a href="#">Q9JJH5</a> ; |

**Tissue specificity** Heart.

**Function** Catalytic activity:ATP + D-fructose 6-phosphate = ADP + beta-D-fructose 2,6-bisphosphate.,Catalytic activity:Beta-D-fructose 2,6-bisphosphate + H(2)O = D-fructose 6-phosphate + phosphate.,enzyme regulation:Phosphorylation results in the activation of the kinase activity.,Function:Synthesis and degradation of fructose 2,6-bisphosphate.,similarity:In the C-terminal section; belongs to the phosphoglycerate mutase family.,subunit:Homodimer.,tissue specificity:Heart.,

## Validation Data



Western Blot analysis of K562 Mouse brain using primary antibody at 1:1000 dilution 4°C overnight. Secondary antibody (catalog#:RS23920) was diluted at 1:10000 25°C, 1.5hours

## Contact information

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Please scan the QR code to access additional product information:  
**PFK-2 car (Phospho Ser466) Rabbit pAb**