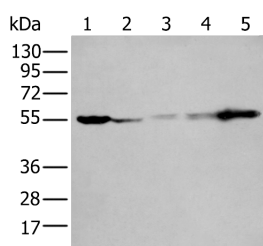


## PFKFB3 Polyclonal Antibody

|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-19543                                  | <b>Reactivity</b> | H,R    |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB,ELISA                                    | <b>Isotype</b>    | IgG    |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of 293T A549 A431 Hela and Jurkat cell lysates using PFKFB3 Polyclonal Antibody at dilution of 1:400

### Immunogen Information

|                       |   |
|-----------------------|---|
| <b>Immunogen</b>      | Synthetic peptide of human PFKFB3                         |
| <b>Gene Accession</b> | NP004557  |
| <b>Swissprot</b>      | Q16875  |
| <b>Synonyms</b>       | Renal Carcinoma Antigen NY-REN-56,PFK/FBPase 3,IPFK2,PFK2 |

### Product Information

|                      |  |
|----------------------|--|
| <b>Calculated MW</b> | 60 kDa   |
| <b>Observed MW</b>   | Refer to figures                                       |
| <b>Buffer</b>        | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4 |
| <b>Purify</b>        | Antigen affinity purification                          |
| <b>Dilution</b>      | WB 1:500-1:2000, ELISA 1:5000-1:10000                  |

### Background

The protein encoded by this gene belongs to a family of bifunctional proteins that are involved in both the synthesis and degradation of fructose-2,6-bisphosphate, a regulatory molecule that controls glycolysis in eukaryotes. The encoded protein has a 6-phosphofructo-2-kinase activity that catalyzes the synthesis of fructose-2,6-bisphosphate (F2,6BP), and a fructose-2,6-bisphosphatase activity that catalyzes the degradation of F2,6BP. This protein is required for cell cycle progression and prevention of apoptosis. It functions as a regulator of cyclin-dependent kinase 1, linking glucose metabolism to cell proliferation and survival in tumor cells. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

#### For Research Use Only

Thank you for your recent purchase.  
 If you would like to learn more about antibodies, please visit [www.elabscience.com](http://www.elabscience.com).

#### Focus on your research Service for life science

Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.