

PFKFB3 Polyclonal Antibody

Catalog No. E-AB-53523

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

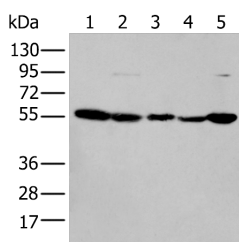
Description

| | |
|---------------------|--|
| Reactivity | Human, Rat |
| Immunogen | Synthetic peptide of human PFKFB3 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen affinity purification |
| Conjugation | Unconjugated |
| Buffer | PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4 |

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western blot analysis of 293T cell lysates using PFKFB3 Polyclonal Antibody at dilution of 1:200

Observed Mw:Refer to figures

Calculated Mw:60 kDa

Preparation & Storage

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

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.

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