PFKFB3 Polyclonal Antibody

Catalog No. E-AB-19543

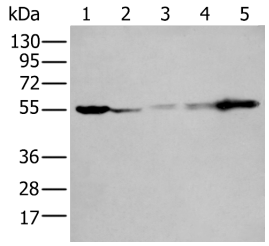
Note: Centrifuge before opening to ensure complete recovery of vial contents.

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% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000

Data



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

Observed Mw:Refer to figures

Calculated Mw:60 kDa

Preparation & Storage

Storage Store at -20℃. 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-biphosphatase 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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