

Anti-Human/Mouse/Rat PFKFB1/4 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05561

3th Edition

Description: 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. PFKFB1 (6-Phosphofructo-2-Kinase/Fructose-2,6-Biphosphatase 1) is a Protein Coding gene. Among its related pathways are Glucose metabolism and Glucagon signaling pathway. GO annotations related to this gene include identical protein binding and kinase binding. An important paralog of this gene is PFKFB4.

Antigen: Synthesized peptide derived from the Internal region of human PFK-2 liv/tes

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Liver.