

PFK-2 liv Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP07090

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human PFKFB1. AA range:406-455

Mol wt 54681

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name PFK-2 liv Antibody

Synonyms PFKFB1; F6PK; PFRX; 6-phosphofructo-2-kinase/fructose-2; 6-bisphosphatase 1; 6PF-2-K/Fru-2,6-P2ase

1; PFK/FBPase 1; 6PF-2-K/Fru-2,6-P2ase liver isozyme

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

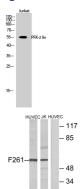
PFKFB1 encodes a member of the family of bifunctional 6-phosphofructo-2-kinase: fructose-2,6-biphosphatase enzymes. The enzyme forms a homodimer that catalyzes both the synthesis and degradation of fructose-2,6-biphosphate using independent catalytic domains. Fructose-2,6-biphosphate is an activator of the glycolysis pathway and an inhibitor of the gluconeogenesis pathway. Consequently, regulating fructose-2,6-biphosphate levels through the activity of 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1 is thought to regulate glucose homeostasis. Multiple alternatively spliced transcript variants have been found for PFKFB1.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 5000

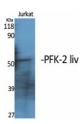
Not yet tested in other applications.

Images



Western Blot analysis of Jurkat cells using PFK-2 liv Polyclonal Antibody

Western blot analysis of lysates from HUVEC cells and Jurkat cells, using PFKFB1 Antibody. The lane on the right is blocked with the synthesized peptide.



Storage

-20°C for one year

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