

Product datasheet for **TA350926**

PFKFB2 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 200-1000 WB positive control: NIH/3T3 cells |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide of human PFKFB2 |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Concentration: | lot specific |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 58 kDa |
| Gene Name: | 6-phosphofructo-2-kinase/fructose-2,6-biphosphate 2 |
| Database Link: | NP_006203 Entrez Gene 18640 Mouse Entrez Gene 5208 Human O60825 |

Background: The protein encoded by this gene is 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, and a fructose-2,6-biphosphatase activity that catalyzes the degradation of fructose-2,6-bisphosphate. This protein regulates fructose-2,6-bisphosphate levels in the heart, while a related enzyme encoded by a different gene regulates fructose-2,6-bisphosphate levels in the liver and muscle. This enzyme functions as a homodimer. Two transcript variants encoding two different isoforms have been found for this gene.



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Synonyms: FBPase-2; PFK-2

Protein Families: Druggable Genome

Protein Pathways: Fructose and mannose metabolism

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: NIH/3T3 cells
Primary antibody: TA350926 (PFKFB2 Antibody) at dilution 1/287.5
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute