

Product datasheet for **TA350926S**

PFKFB2 Rabbit Polyclonal Antibody

Product data:

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
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-biphosphatase 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.

Synonyms: FBPase-2; PFK-2



[View online »](#)

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