

Anti-PFKFB2 antibody

Cat. No.	ml161387
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PFKFB2 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human PFKFB2
Reactivity	Human, Mouse
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PFKFB2
Full name	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2
Synonyms	PFK-2/FBPase-2
Swissprot	O60825

Target 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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Applications

Western blotting

Predicted band size: 58 kDa

Positive control: NIH/3T3 cells

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

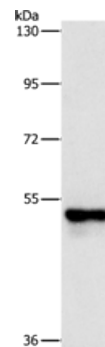
Lysate: 40 µg

Lane: NIH/3T3 cells

Primary antibody: ml161387(PFKFB2 Antibody) at dilution 1/287.5

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 1000-2000

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