Datasheet for ABIN928877

anti-PFKFB2 antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	PFKFB2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFKFB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Pfkfb2 antibody was raised in rabbit using the C terminal of Pfkfb2 as the immunogen
Cross-Reactivity:	Mouse (Murine)
Purification:	Purified

Target Details

Target:	PFKFB2
Alternative Name:	Pfkfb2 (PFKFB2 Products)
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

Target Details

	fructose-2,6-bisphosphate. Synonyms: Polyclonal Pfkfb2 antibody, Anti-Pfkfb2 antibody, 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2 antibody, 4930568D07Rik antibody.
Pathways:	PI3K-Akt Signaling, Positive Regulation of Peptide Hormone Secretion, Regulation of Carbohydrate Metabolic Process

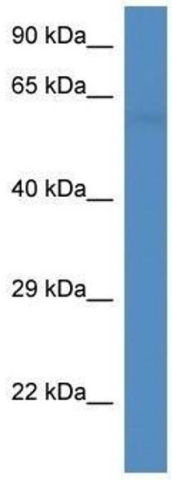
Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	Pfkfb2 Blocking Peptide, catalog no. 33R-2596, is also available for use as a blocking control in assays to test for specificity of this Pfkfb2 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing Pfkfb2 antibody used at a concentration of 1.0 ug/ml against Mouse Heart Lysate