

Datasheet for ABIN6257911

anti-PFKFB3 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	PFKFB3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFKFB3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	PFKFB3 Antibody detects endogenous levels of total PFKFB3
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	PFKFB3
Alternative Name:	PFKFB3 (PFKFB3 Products)
Background:	Description: Synthesis and degradation of fructose 2,6-bisphosphate.

Target Details

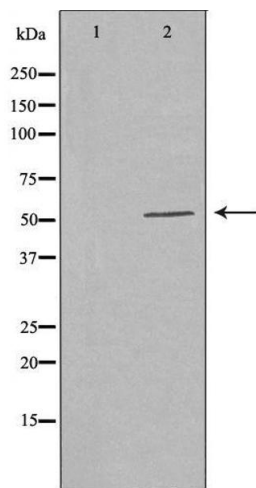
	Gene: PFKFB1
Molecular Weight:	54 kDa
Gene ID:	5207
UniProt:	P16118 , Q16877
Pathways:	AMPK Signaling , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB 1:500~1:1000, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

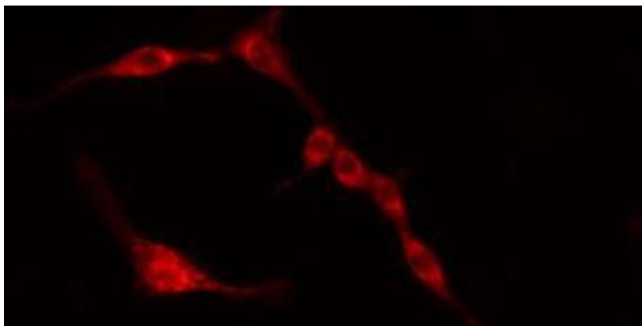
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from 293 cells, using PFKFB3 antibody.



Immunofluorescence (fixed cells)

Image 2. ABIN6274384 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.