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Datasheet for ABIN5008708

anti-PFKFB1 antibody (AA 21-120) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	PFKFB1
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFKFB1 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PFKFB1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PFKFB1
Alternative Name:	PFKFB1 (PFKFB1 Products)

Target Details

Background: Synonyms: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1, 6-bisphosphatase, 6-P2ase 1, 6-P2ASE liver isozyme, 6PF-2-K/Fru-2,6-P2ASE liver isozyme, 6PF-2-K/Fru-2,6-P2ase 1, 6PF-2-K/Fru-2, F261_HUMAN, F6PK, Fructose-2,6-bisphosphatase, Fructose-6-phosphate-2-kinase:fructose-2,6-bisphosphatase, Fructose-2, HL2K, MGC116715, MGC116717, PFK/FBPase 1, PFKFB1, Pfkfb1, PFRX.

Background: PFKFB1 belongs to the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-bisphosphatase enzymes. It forms a homodimer that is involved in both the synthesis and degradation of fructose 2,6-bisphosphate. The activity of this enzyme is thought to regulate glucose homeostasis.

Gene ID: 5207

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months