

Datasheet for ABIN708245

anti-PFKFB1 antibody (AA 21-120) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PFKFB1
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFKFB1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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 biphosphatase 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, PFKFB 1, Pfkfb1, PFRX. Background: PFKFB1 belongs to the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-biphosphatase 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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months