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Datasheet for ABIN910809

anti-PFKFB1 antibody (AA 21-120) (AbBy Fluor® 350)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | PFKFB1 |
| Binding Specificity: | AA 21-120 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PFKFB1 antibody is conjugated to AbBy Fluor® 350 |
| 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