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Datasheet for ABIN884779

anti-BDH1 antibody (AA 241-343) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	BDH1
Binding Specificity:	AA 241-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BDH1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BDH1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	BDH1
Alternative Name:	BDH1 (BDH1 Products)

Target Details

Background: Synonyms: 3 hydroxybutyrate dehydrogenase heart, mitochondrial, BDH, BDH-1, D beta hydroxybutyrate dehydrogenase, mitochondrial, 3-hydroxybutyrate dehydrogenase, D-beta-hydroxybutyrate dehydrogenase, mitochondrial, BDH_HUMAN .

Background: This gene encodes a member of the short-chain dehydrogenase/reductase gene family. The encoded protein forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific requirement for phosphatidylcholine for optimal enzymatic activity. The encoded protein catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the two major ketone bodies produced during fatty acid catabolism. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2008].

Gene ID: 622

Pathways: [Response to Growth Hormone Stimulus](#)

Application Details

Application Notes: FCM 1:20-100
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