Datasheet for ABIN631059

anti-HADH antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	HADH
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HADH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	HADH antibody was raised using the C terminal of HADH corresponding to a region with amino acids YPMGPFELLDYVGLDTTKFIVDGWHEMDAENPLHQPSPSLNKLVAENKFG
Specificity:	HADH antibody was raised against the C terminal of HADH
Purification:	Affinity purified

Target Details

Target:	HADH
Alternative Name:	HADH (HADH Products)
Background:	HADH functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial

Target Details

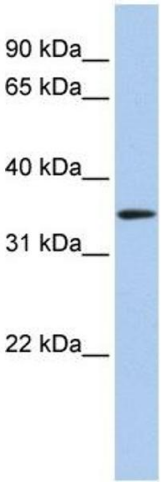
	hyperinsulinemic hypoglycemia. This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. The human genome contains a related pseudogene.
Molecular Weight:	33 kDa (MW of target protein)
Pathways:	Negative Regulation of Hormone Secretion, Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	HADH Blocking Peptide, catalog no. 33R-10203, is also available for use as a blocking control in assays to test for specificity of this HADH antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HADH antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. HADH antibody used at 1 ug/ml to detect target protein.