

Datasheet for ABIN238619
anti-HADH antibody (Internal Region)

2 Images

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Overview

Quantity:	100 µg
Target:	HADH
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HADH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	HADH / HADHSC
Immunogen:	Peptide with sequence C-YERGDASKEDID, from the internal region of the protein sequence according to NP_005318.2.
Sequence:	YERGDASKED ID
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

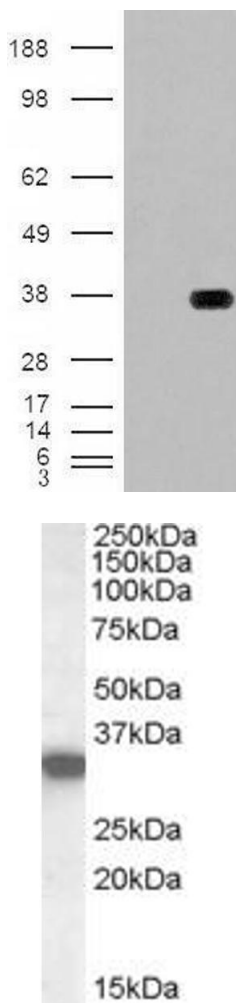
Target:	HADH
Alternative Name:	HADH (HADH Products)
Background:	HADH, HADHSC, hydroxyacyl-Coenzyme A dehydrogenase, HAD, HADH1, HHF4, M/SCHAD, MGC8392, SCHAD, L-3-hydroxyacyl-Coenzyme A dehydrogenase, L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain
Gene ID:	3033, 15107
NCBI Accession:	NP_005318
Pathways:	Negative Regulation of Hormone Secretion , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western Blot: Approx. 33 kDa band observed in Human Heart, Muscle and Kidney lysates (calculated MW of 34.3 kDa according to NP_005318.2). In transfected HEK293 transiently expressing HADH a band of approx. 38 kDa is observed. This band is not observed in t Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. HEK293 overexpressing HADH (ABIN5424259) with C-terminal tag (DYKDDDDK) and probed with anti-DYKDDDDK in the left panel and with ABIN238619 in the right panel (mock transfection in first and last lanes).

Image 2. ABIN238619 (0.02µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.