prosci-inc.com

ProSci Incorporated
12170 Flint Place
Poway, CA 92064

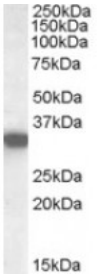
Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

techsupport@prosci-inc.com

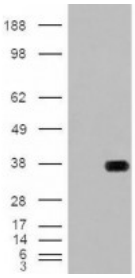
HIGH PERFORMANCE ANTIBODIES ... AND MORE

HADH Antibody

CATALOG NUMBER: 45-717



Western Blot (0.02ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:64000. Western Blot: Approx. 33kDa band observed in Human Heart, Muscle and Kidney lysates (calculated MW of 34.3kDa according to NP_005318.2). In transfected HEK293 transiently expressing HADH a band of approx. 38kDa is observed. This band is not observed in t
POSITIVE CONTROL:	1) Cat. No. 1305 - Human Kidney Tissue Lysate
IMMUNOGEN:	HADH antibody was raised against a 12 amino acid synthetic peptide near the internal region of HADH.
HOST SPECIES:	Goat

Properties

PURIFICATION:	HADH antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	HADH antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	HADH, hydroxyacyl-Coenzyme A dehydrogenase, HAD, HADH1, HADHSC, HHF4, M/SCHAD, MGC8392, SCHAD, L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain
ACCESSION NO.:	NP_005318.2
PROTEIN GI NO.:	94557308
OFFICIAL SYMBOL:	HADH

GENE ID:	3033

Background

REFERENCES:	1) Molven A, Matre GE, Duran M, Wanders RJ, Rishaug U, Njolstad PR, Jellum E, Sovik O. Familial hyperinsulinemic hypoglycemia caused by a defect in the SCHAD enzyme of mitochondrial fatty acid oxidation. Diabetes. 2004 Jan;53(1):221-7.

FOR RESEARCH USE ONLY

December 13, 2016