

## HADH Antibody

*HADH, hydroxyacyl-Coenzyme A dehydrogenase, HAD, HADH1, HADHSC, HHF4, M/SCHAD, MGC8392, SCHAD, L-3-hydroxyacyl-Coenzyme A dehydrogenase, L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain*

**CATALOG NO.:** 45-717

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

HADH Antibody.

**SOURCE:**

HADH antibody was raised against a synthetic peptide of HADH.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_005318.2

**SPECIES REACTIVITY:**

Human, Mouse, Rat, Dog

**TESTED APPLICATION:**

WB, E

**APPLICATION:**

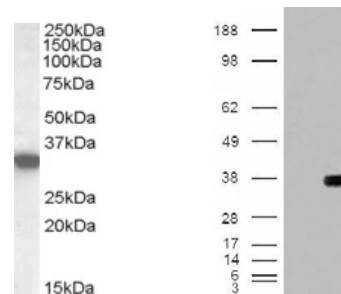
Peptide ELISA: antibody detection limit dilution 1:64,000.  
Western Blot: Approx. 33kDa band observed in Human Heart, Muscle and Kidney lysates (calculated MW of 34.3kDa according to NP\_005318.2). In transfected HEK293 transiently expressing HADH a band of approx. 38kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.01-0.03µg/ml.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Left: Western blot analysis of HADH in Human Kidney lysate (35µg protein in RIPA buffer) using HADH antibody (0.02µg/ml). Right: HEK293 overexpressing HADH with C-terminal tag (DYKDDDDK) and probed with anti-DYKDDDDK in the left panel and with HADH antibody in the right panel.

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

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.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.