

## Goat anti-HADH / HADHSC Antibody

<b>Item Number</b>	dAP-1256
<b>Target Molecule</b>	Principle Name: HADH / HADHSC; Official Symbol: HADH; All Names and Symbols: 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; Accession Number (s): NP_005318.2; Human Gene ID(s): 3033; Non-Human GenelD(s): 15107 (mouse)
<b>Immunogen</b>	YERGDASKEDID, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	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
<b>IHC</b>	
<b>Reference</b>	Reference(s): 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..PMID: 14693719 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**