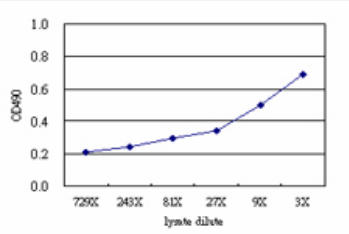
HADH (Human) Matched Antibody Pair

Catalog # H00003033-AP51 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the HADH 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human HADH.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90%); Rat (90%)
Quality Control Testing	Standard curve using HADH 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the HADH 29 3T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-HADH (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-HADH (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

  Protocol Download

Gene Info — HADH

Entrez GeneID	3033
Gene Name	HADH
Gene Alias	HAD, HADH1, HADHSC, HHF4, M/SCHAD, MGC8392, SCHAD
Gene Description	hydroxyacyl-Coenzyme A dehydrogenase
Omim ID	231530 601609 609975
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded prote in functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-Co As as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-lengt h fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. Th e human genome contains a related pseudogene. [provided by RefSeq
Other Designations	L-3-hydroxyacyl-Coenzyme A dehydrogenase|L-3-hydroxyacyl-Coenzyme A dehydrogenase, shor t chain

Pathway

- Butanoate metabolism
- Caprolactam degradation
- Fatty acid elongation in mitochondria
- Fatty acid metabolism
- Geraniol degradation
- Lysine degradation
- Metabolic pathways
- Tryptophan metabolism
- Valine

Disease

- Alcoholism
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Hyperinsulinism