

## HADHSC Conjugated Antibody

Catalog No: #C48110



Package Size: #C48110-AF350 100ul #C48110-AF405 100ul #C48110-AF488 100ul

#C48110-AF555 100ul #C48110-AF594 100ul #C48110-AF647 100ul

#C48110-AF680 100ul #C48110-AF750 100ul #C48110-Biotin 100ul

Orders: order@signalwayantibody.com

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## Description

Product Name	HADHSC Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu, Ms, zebrafish
Immunogen Description	peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	3 hydroxyacyl Coenzyme A dehydrogenase antibody HAD antibody HADH antibody HADH1 antibody HADHSC antibody HADHSC, formerly antibody HADSC, formerly antibody HCDH antibody HCDH_HUMAN antibody HHF4 antibody Hydroxyacyl CoA dehydrogenase antibody Hydroxyacyl-coenzyme A dehydrogenase antibody hydroxyacyl-coenzyme A dehydrogenase, mitochondrial antibody L 3 hydroxyacyl Coenzyme A dehydrogenase short chain antibody M SCHAD antibody Medium and short chain L 3 hydroxyacyl coenzyme A dehydrogenase antibody Medium and short-chain L-3-hydroxyacyl-coenzyme A dehydrogenase antibody MGC8392 antibody mitochondrial antibody MSCHAD antibody OTTHUMP00000162626 antibody OTTHUMP00000219688 antibody SCHAD antibody SCHAD, formerly antibody Short chain 3 hydroxyacyl CoA dehydrogenase mitochondrial antibody short chain 3-hydroxyacyl-coa dehydrogenase antibody Short-chain 3-hydroxyacyl-CoA dehydrogenase antibody
Accession No.	Swiss-Prot#:Q16836
Uniprot	Q16836
GeneID	3033;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	34kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

Hydroxyacyl-Coenzyme A dehydrogenase also known as HADH is an enzyme which in humans is encoded by the HADH gene. This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. A deficiency is associated with 3-hydroxyacyl-coenzyme A dehydrogenase deficiency.

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**Note:** This product is for in vitro research use only