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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP54765_P050-HRP
Product Page	www.avivasysbio.com/hadh-antibody-c-terminal-region-hrp-arp54765-p050-hrp.html
Name	HADH Antibody - C-terminal region : HRP (ARP54765_P050-HRP)
Protein Size (# AA)	314 amino acids
Molecular Weight	33kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3033
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Hydroxyacyl-CoA dehydrogenase
Alias Symbols	HAD, HCDH, HHF4, HADH1, SCHAD, HADHSC, MSCHAD
Peptide Sequence	Synthetic peptide located within the following region: YPMGPFELLDYVGLDITKFIVDGWHEMDAENPLHQPSPLNKLVAENKFG
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	van (2006) Diabetes 55 (11), 3193-3196
Description of Target	HADH 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. 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. The human genome contains a related pseudogene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	MDM2; STAT1; ADH1A; APP; UBC; MAPK3; UBA5; HADH; SLC2A4;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-HADH (ARP54765_P050-HRP) antibody
Blocking Peptide	For anti-HADH (ARP54765_P050-HRP) antibody is Catalog# AAP54765 (Previous Catalog# AAPP31560)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human HADH
Uniprot ID	Q16836
Protein Name	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial
Protein Accession #	NP_005318
Purification	Affinity Purified
Nucleotide Accession #	NM_005327
Gene Symbol	HADH
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB, IHC

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 85%; Zebrafish: 93%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com