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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

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Product Number	ARP54487_P050-HRP
Product Page	www.avivasysbio.com/acadvl-antibody-c-terminal-region-hrp-arp54487-p050-hrp.html
Name	ACADVL Antibody - C-terminal region : HRP (ARP54487_P050-HRP)
Protein Size (# AA)	633 amino acids
Molecular Weight	64kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	37
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Acyl-CoA dehydrogenase, very long chain
Alias Symbols	ACAD6, LCACD, VLCAD
Peptide Sequence	Synthetic peptide located within the following region: IDL YAMVVVLSRASRSLSEGHPTAQHEKMLCDTWCIEAAARIREGMAALQ
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	ACADVL is targeted to the inner mitochondrial membrane where it catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A dehydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in ACADVL protein reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy.
Protein Interactions	EEF2K; GPHN; RPSA; ATF2; CDH1; INTS9; ATP5L; UBC; SOCS3; ICT1; ACADVL;
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-ACADVL (ARP54487_P050-HRP) antibody
Blocking Peptide	For anti-ACADVL (ARP54487_P050-HRP) antibody is Catalog# AAP54487 (Previous Catalog# AAPP44501)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ACADVL
Uniprot ID	P49748
Protein Name	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial
Sample Type Confirmation	ACADVL is supported by BioGPS gene expression data to be expressed in ACHN
Protein Accession #	NP_001029031
Purification	Affinity Purified
Nucleotide Accession #	NM_001033859
Gene Symbol	ACADVL
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 79%; Rat: 93%; Zebrafish: 79%

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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