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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54276_P050-Biotin
Product Page	www.avivasysbio.com/acads-antibody-middle-region-biotin-arp54276-p050-biotin.html
Name	ACADS Antibody - middle region : Biotin (ARP54276_P050-Biotin)
Protein Size (# AA)	412 amino acids
Molecular Weight	42kDa
Conjugation	Biotin
NCBI Gene Id	35
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Acyl-CoA dehydrogenase, C-2 to C-3 short chain
Alias Symbols	SCAD, ACAD3
Peptide Sequence	Synthetic peptide located within the following region: FTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Tein, I., (2008) Mol. Genet. Metab. 93 (2), 179-189
Description of Target	ACADS is a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. 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	IRF7;
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-ACADS (ARP54276_P050-Biotin) antibody
Blocking Peptide	For anti-ACADS (ARP54276_P050-Biotin) antibody is Catalog # AAP54276 (Previous Catalog # AAPP31025)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACADS
Uniprot ID	P16219
Protein Name	Short-chain specific acyl-CoA dehydrogenase, mitochondrial
Protein Accession #	NP_000008
Purification	Affinity Purified
Nucleotide Accession #	NM_000017
Gene Symbol	ACADS
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%

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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