

Rabbit anti-Human ACADS Polyclonal Antibody | anti-ACADS antibody

ACADS Antibody

CATALOG # AAA301113	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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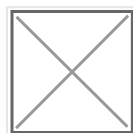
PRODUCT SYNONYMS

ACADS; Polyclonal Antibody; ACADS Antibody; SCAD; ACAD3; anti-ACADS antibody

PRODUCT SPECIFICATIONS

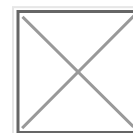
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ACADS protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.8 mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for anti-ACADS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human Acyl-CoA dehydrogenase, C-2 to C-3 short chain
Target Name	ACADS
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/15.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Rat kidney tissue Amount of lysate: 40ug per lane Primary antibody: 1/350 dilution Secondary antibody dilution: 1/8000 Exposure time: 90 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-ACADS antibody

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. It is an autosomal recessive disorder resulting in acute acidosis and muscle weakness in infants, and a form of lipid-storage myopathy in adults.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557233
NCBI GeneID	35
NCBI Accession #	NP_000008.1
NCBI GenBank Nucleotide #	NM_000017.3
UniProt Accession #	P16219; P78331
Molecular Weight	44,297 Da
NCBI Official Full Name	short-chain specific acyl-CoA dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase, C-2 to C-3 short chain
NCBI Official Symbol	ACADS
NCBI Official Synonym Symbols	SCAD; ACAD3
NCBI Protein Information	short-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Short-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	ACADS
UniProt Synonym Gene Names	SCAD
UniProt Entry Name	ACADS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acads-antibody-immunohistochemistry-western-blot-elisa/301113>