

Rabbit ACADS Polyclonal Antibody | anti-ACADS antibody

ACADS antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200341	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

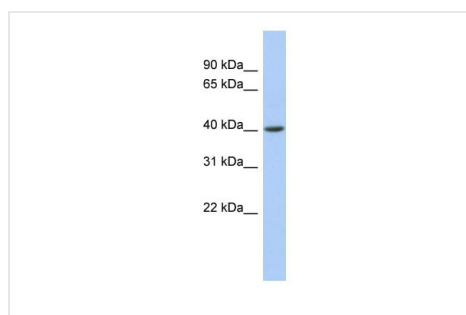
PRODUCT SYNONYMS

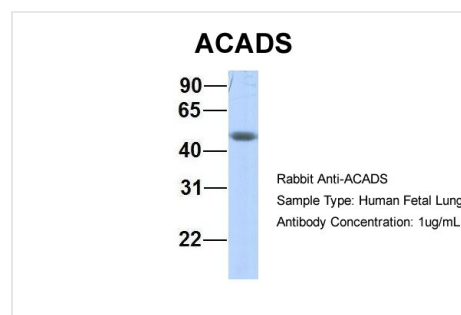
ACADS; Polyclonal Antibody; ACADS antibody - middle region; anti-ACADS antibody

PRODUCT SPECIFICATIONS

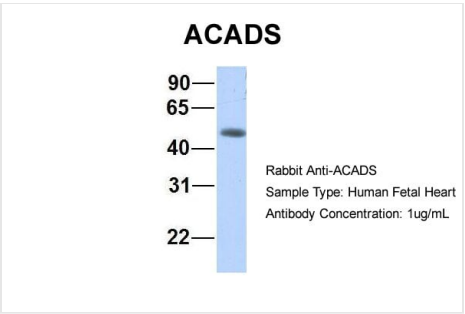
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEA
Sequence Length	412
Applicable Applications for anti-ACADS antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACADS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ACADS Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Human Intestine

WB (Western Blot)

Host: Rabbit
Target Name: NSUN6
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: RabbitTarget Name: GNASSample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ACADS antibody	This is a rabbit polyclonal antibody against ACADS. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-ACADS antibody	Polyclonal; Drugs and Drug Metabolism; Various; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557233
NCBI GeneID	35
NCBI Accession #	NP_000008
NCBI GenBank Nucleotide #	NM_000017
UniProt Accession #	P16219
Molecular Weight	42kDa
NCBI Official Full Name	short-chain specific acyl-CoA dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase 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.

