

## Product datasheet for **TA336255**

### ACADS Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ACADS Antibody: synthetic peptide directed towards the middle region of human ACADS. Synthetic peptide located within the following region: FTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	acyl-CoA dehydrogenase, C-2 to C-3 short chain
Database Link:	<a href="#">NP_000008</a> <a href="#">Entrez Gene 35 Human</a> <a href="#">P16219</a>



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**Background:** 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.

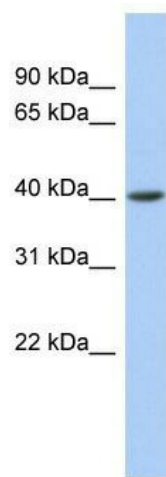
**Synonyms:** ACAD3; SCAD

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Bovine: 93%

**Protein Families:** Druggable Genome

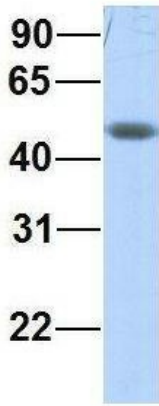
**Protein Pathways:** Butanoate metabolism, Fatty acid metabolism, Metabolic pathways, Valine, leucine and isoleucine degradation

### Product images:



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

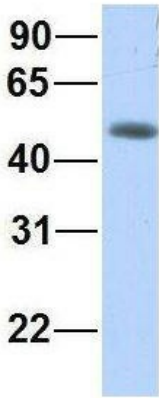
## ACADS



Rabbit Anti-ACADS  
Sample Type: Human Fetal Lung  
Antibody Concentration: 1ug/mL

2Hum. Fetal Lung; Host: Rabbit; Target Name:  
NSUN6; Sample Tissue: Human Fetal Lung;  
Antibody Dilution: 1.0 ug/ml

## ACADS



Rabbit Anti-ACADS  
Sample Type: Human Fetal Heart  
Antibody Concentration: 1ug/mL

3Hum. Fetal Heart; Host: Rabbit; Target Name:  
GNAS; Sample Tissue: Human Fetal Heart;  
Antibody Dilution: 1.0 ug/ml