

## Rabbit anti-Human ACADVL Polyclonal Antibody | anti-ACADVL antibody

ACADVL Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA307610</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

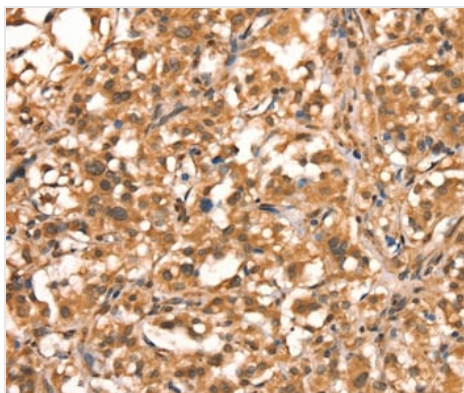
### PRODUCT SYNONYMS

ACADVL; Polyclonal Antibody; ACADVL Antibody; ACAD6; LCACD; VLCAD; anti-ACADVL antibody

### PRODUCT SPECIFICATIONS

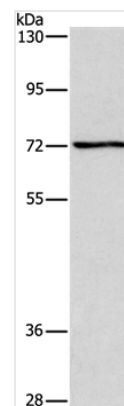
|                                                  |                                                                                                                             |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                      |
| Reactivity                                       | Human                                                                                                                       |
| Clonality                                        | Polyclonal                                                                                                                  |
| Specificity                                      | The antibody detects endogenous levels of total ACADVL protein.                                                             |
| Purity/Purification                              | Antigen affinity purification.                                                                                              |
| Form/Format                                      | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                             |
| Concentration                                    | 0.9 mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                  | 655                                                                                                                         |
| Applicable Applications for anti-ACADVL antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                               |
| Immunogen Type                                   | Peptide                                                                                                                     |
| Immunogen Description                            | Synthetic peptide corresponding to a region derived from internal residues of human acyl-CoA dehydrogenase, very long chain |
| Target Name                                      | ACADVL                                                                                                                      |
| Preparation and Storage                          | Store at -20 degree C                                                                                                       |

### IMAGES



#### IHC (Immunohistochemistry)

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



#### Application Data

Gel: 8%SDS-PAGE Lysate: 40ug HeLa cell Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 5 seconds

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACADVL antibody | The protein encoded by this gene 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 this gene product reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Product Categories/Family for anti-ACADVL antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | 4557235                                                                  |
| NCBI GeneID                      | 37                                                                       |
| NCBI Accession #                 | NP_000009.1                                                              |
| NCBI GenBank Nucleotide #        | NM_000018.3                                                              |
| UniProt Accession #              | P49748; O76056; Q8WUL0; B4DEB6; F5H2A9                                   |
| Molecular Weight                 | 72,927 Da                                                                |
| NCBI Official Full Name          | very long-chain specific acyl-CoA dehydrogenase, mitochondrial isoform 1 |
| NCBI Official Synonym Full Names | acyl-CoA dehydrogenase, very long chain                                  |
| NCBI Official Symbol             | ACADVL                                                                   |
| NCBI Official Synonym Symbols    | ACAD6; LCACD; VLCAD                                                      |
| NCBI Protein Information         | very long-chain specific acyl-CoA dehydrogenase, mitochondrial           |
| UniProt Protein Name             | Very long-chain specific acyl-CoA dehydrogenase, mitochondrial           |
| UniProt Gene Name                | ACADVL                                                                   |
| UniProt Synonym Gene Names       | VLCAD; VLCAD                                                             |
| UniProt Entry Name               | ACADV_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/acadvl-antibody-immunohistochemistry-western-blot-elisa/307610>