

[Go to Product page](#)

Datasheet for ABIN708403
anti-ACADL antibody (AA 201-300) (Biotin)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | ACADL |
| Binding Specificity: | AA 201-300 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ACADL antibody is conjugated to Biotin |
| Application: | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human ACADL |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | ACADL |
| Alternative Name: | ACADL (ACADL Products) |
| Background: | Synonyms: mitochondrial, ACAD4, ACADL, ACADL_HUMAN, Acyl Coenzyme A dehydrogenase |

Target Details

long chain, FLJ94052, LCAD, Long chain acyl CoA dehydrogenase, Long-chain specic acyl-CoA dehydrogenase.

Background: The protein encoded by this gene belongs to the acyl-CoA dehydrogenase family, which is a family of mitochondrial flavoenzymes involved in fatty acid and branched chain amino-acid metabolism. This protein is one of the four enzymes that catalyze the initial step of mitochondrial beta-oxidation of straight-chain fatty acid. Defects in this gene are the cause of long-chain acyl-CoA dehydrogenase (LCAD) deficiency, leading to nonketotic hypoglycemia. [provided by RefSeq].

| | |
|-----------|---|
| Gene ID: | 33 |
| Pathways: | Monocarboxylic Acid Catabolic Process |

Application Details

| | |
|--------------------|------------------------------------|
| Application Notes: | IHC-P 1:200-400 IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |