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Datasheet for ABIN2854770
anti-ACADS antibody (N-Term)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | ACADS (Acads) |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ACADS antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------------|---|
| Immunogen: | Recombinant protein encompassing a sequence within the N-terminus region of human ACADS. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse (Murine), Cow (Bovine), Pig (Porcine), Rat (Rattus) |
| Cross-Reactivity (Details): | Mouse (85 %), Bovine (85 %), Pig (84 %), Rat (85 %) |
| Characteristics: | Rabbit Polyclonal antibody to ACADS (acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain) ACADS antibody |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

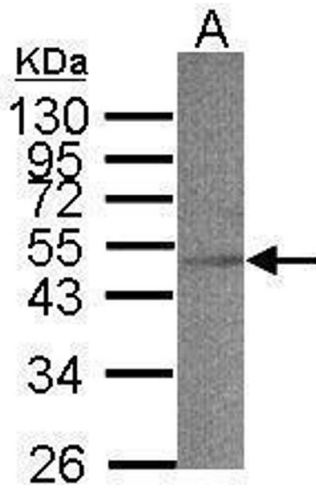
| | |
|-------------------|---|
| Target: | ACADS (Acads) |
| Alternative Name: | ACADS (Acads Products) |
| Background: | <p>This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency.</p> <p>Cellular Localization: Mitochondrion matrix</p> |
| Molecular Weight: | 44 kDa |
| Gene ID: | 35 |
| Pathways: | Monocarboxylic Acid Catabolic Process |

Application Details

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|--------------------|--|
| Application Notes: | <p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000*</p> |
| Comment: | Positive Control: HeLaS3 , HepG2 , Molt-4 |
| Restrictions: | For Research Use only |

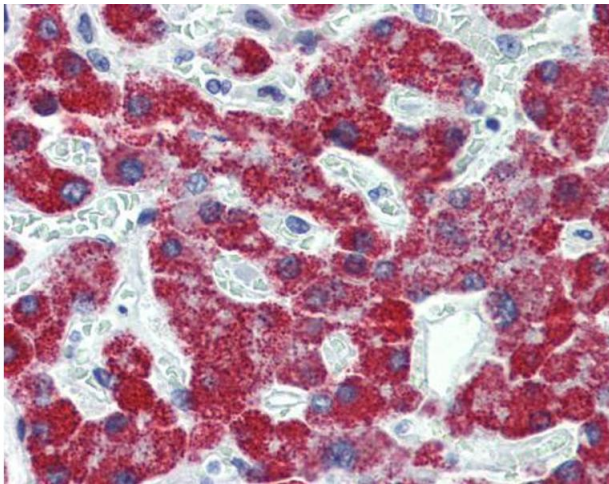
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative. |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |



Western Blotting

Image 1. WB Image Sample(30 μ g of whole cell lysate)
A:MOLT4, 12% SDS PAGE antibody diluted at 1:500



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human liver, using ACADS, antibody(10 μ g/ml).