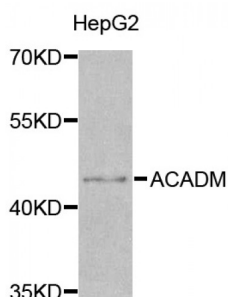


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## Acyl-CoA Dehydrogenase, C-4 To C-12 Straight Chain (ACADM) Antibody

Catalogue No.: abx001542



Western blot analysis of extracts of HepG2 cells, using ACADM antibody (abx001542) at 1/1000 dilution.

ACADM Antibody is a Rabbit Polyclonal antibody against ACADM. This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Target:** ACADM

**Reactivity:** Human, Mouse, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB

**Recommended dilutions:** WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Recombinant protein of human ACADM.

**Purification:** Affinity purified.

**Form:** Liquid

**Isotype:** IgG

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

**Molecular Weight:** Calculated MW: 46 kDa/47 kDa  
Observed MW: 47 kDa

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**Swiss Prot:** [P11310](#)

**GeneID:** [34](#)

**Gene Symbol:** ACADM

**Concentration:** > 1 mg/ml

**Buffer:** PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

**Note:** This product is for research use only.