

## ACADM Antibody

*ACADM, acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain, RP4-682C21.1, ACAD1, MCAD, MCADH, medium-chain acyl-CoA dehydrogenase*

**CATALOG NO.: 45-190**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

ACADM Antibody.

**SOURCE:**

ACADM antibody was raised against a synthetic peptide of ACADM.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_000007.1

**SPECIES REACTIVITY:**

Human

**TESTED APPLICATION:**

WB, E

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution >1:32,000.  
Western Blot: Approx 45kDa band observed in Human Kidney and Heart lysates (predicted MW of 48kDa according to NP\_000007). Recommended for use at 0.01-0.1µg/ml.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of ACADM in human heart lysate (RIPA buffer, 35µg total protein per lane) using ACADM antibody (0.05µg/mL).

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Matsubara Y, Kraus JP, Yang-Feng TL, Francke U, Rosenberg LE, Tanaka K. Molecular cloning of cDNAs encoding rat and human medium-chain acyl-CoA dehydrogenase and assignment of the gene to human chromosome 1. Proc Natl Acad Sci U S A. 1986 Sep;83(17):6543-

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.