

## ACADSB Polyclonal Antibody

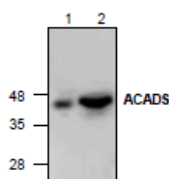
**CATALOG #:** 3150-100  
**AMOUNT:** 100 µg  
**LOT #:** \_\_\_\_\_  
**IMMUNOGEN:** Synthetic peptide surrounding amino acid 399 of mouse ACADSB  
**INTERNAL ID#:** BV-K79  
**HOST:** Rabbit  
**SPECIES REACTIVITY:** Mouse, rat

**FORMULATION:**  
 100 µg (0.5 mg/ml) affinity purified rabbit anti-ACADSB polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

**STORAGE CONDITIONS:**  
 Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

**DESCRIPTION:**  
 Shortbranched chain acyl-CoA dehydrogenase (ACADSB) belongs to the acyl-CoA dehydrogenase family of enzymes that catalyze the dehydrogenation of acyl-CoA derivatives in the metabolism of fatty acids or branch chained amino acids. ACADSB catalyzes the degradation of L-isoleucine and has the greatest affinity towards (S)-2-methylbutyryl-CoA, isobutyryl-CoA and 2-methylhexanoyl-CoA as substrates.

**APPLICATION AND USAGE:**  
 The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3150BP-50) is available separately.



Cat. #: 3150-100 ACADSB Antibody.  
 Western blot analysis of ACADSB with mouse 3T3 cell lysate (Lane 1) and rat kidney tissue lysate (Lane 2).

**FOR RESEARCH USE ONLY! Not to be used in humans.**

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  - Nuclear Apoptosis Kits & Reagents
  - Apoptosis Inducers and Set
  - Apoptosis siRNA Vectors
- Cell Fractionation System
  - Mitochondrial/Cytosol Fractionation Kit
  - Nuclear/Cytosol Fractionation Kit
  - Membrane Protein Extraction Kit
  - Cytosol/Particulate Rapid Separation Kit
  - Mammalian Cell Extraction Kit
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  - Quick Cell Proliferation Assay Kit
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