

# ACADSB Polyclonal Antibody

<b>CATALOG #:</b>	3157-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 399 of mouse ACADSB
<b>INTERNAL ID#:</b>	BV-K80
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human

## 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:

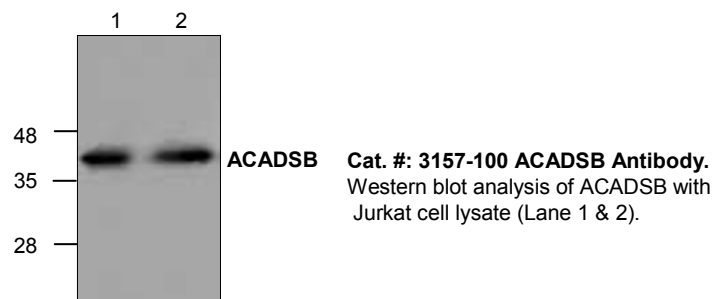
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

## DESCRIPTION:

Short/branched chain acyl-CoA dehydrogenase (ACADSB) belongs to the acyl-CoA dehydrogenase family of enzymes 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.# 3157BP-50) is available separately.



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

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