

## Product datasheet for **TA318874**

### ACADSB Rabbit Polyclonal Antibody

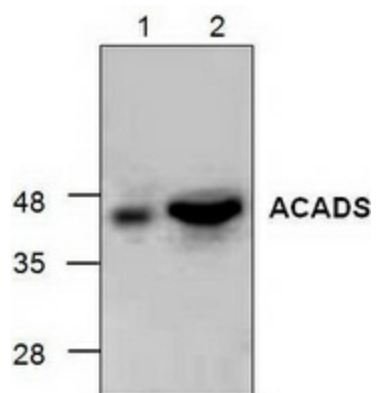
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1-4 ug/ml
Reactivity:	Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 399 of mouse ACADSB
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.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	acyl-CoA dehydrogenase, short/branched chain
Database Link:	<a href="#">NP_001600</a> <a href="#">Entrez Gene 25618 Rat</a> <a href="#">Entrez Gene 66885 Mouse</a> <a href="#">P45954</a>
Background:	Short/branched 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.
Synonyms:	2-MEBCAD; ACAD7; SBCAD
Protein Pathways:	Fatty acid metabolism, Metabolic pathways, Valine, leucine and isoleucine degradation



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## Product images:



Western blot analysis of ACADSB with mouse 3T3 cell lysate (Lane 1) and rat kidney tissue lysate (Lane 2).