

Product datasheet for **TA302400**

ACADM Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:32,000. WB: 0.01-0.1µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-RLIVAREHIDKYKN, from the C Terminus of the protein sequence according to NP_000007.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50215 Da
Gene Name:	acyl-CoA dehydrogenase, C-4 to C-12 straight chain
Database Link:	NP_000007 Entrez Gene 34 Human P11310



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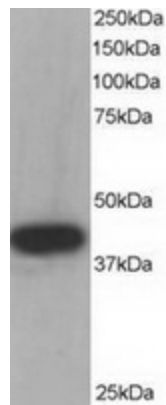
Background: This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease 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. [provided by RefSeq]

Synonyms: ACAD1; MCAD; MCADH

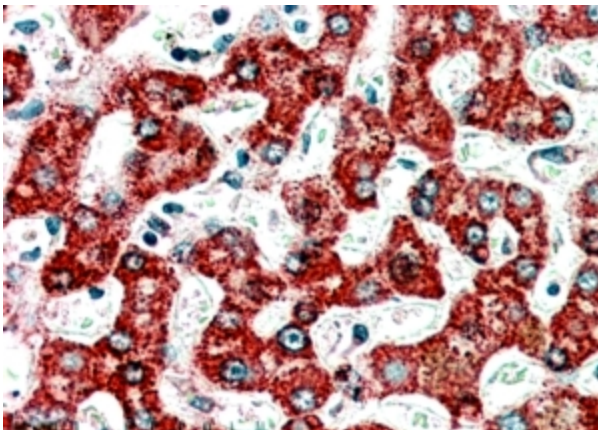
Protein Families: Druggable Genome

Protein Pathways: beta-Alanine metabolism, Fatty acid metabolism, Metabolic pathways, PPAR signaling pathway, Propanoate metabolism, Valine, leucine and isoleucine degradation

Product images:



TA302400 staining (0.05ug/ml) of Human Heart lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



TA302400 (3.8ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.