



ACADL mouse mAb

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| Catalog No | BYmab-11133 |
| Isotype | IgG |
| Reactivity | Human; Mouse;Rat |
| Applications | WB |
| Gene Name | ACADL |
| Protein Name | ACADL |
| Immunogen | Synthesized peptide derived from human ACADL AA range: 258-308 |
| Specificity | This antibody detects endogenous levels of ACADL at Human/Mouse/Rat |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | |
| Cell Pathway | Mitochondrion matrix . |
| Tissue Specificity | |
| Function | catalytic activity:Acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor.,cofactor:FAD.,disease:Impaired ACADL activity results in non-ketotic hypoglycemia, hypotonia, muscle weakness and episodes of cardiorespiratory arrest associated with fasting [MIM:201460].,miscellaneous:A number of straight-chain acyl-CoA dehydrogenases of different substrate specificities are present in mammalian tissues.,pathway:Lipid metabolism; mitochondrial fatty acid beta-oxidation.,similarity:Belongs to the acyl-CoA dehydrogenase family.,subunit:Homotetramer., |
| Background | The protein encoded by this gene belongs to the acyl-CoA dehydrogenase family, which is a family of mitochondrial flavoenzymes involved in fatty acid and branched chain amino-acid metabolism. This protein is one of the four enzymes |

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that catalyze the initial step of mitochondrial beta-oxidation of straight-chain fatty acid. Defects in this gene are the cause of long-chain acyl-CoA dehydrogenase (LCAD) deficiency, leading to nonketotic hypoglycemia. [provided by RefSeq, Jul 2008],

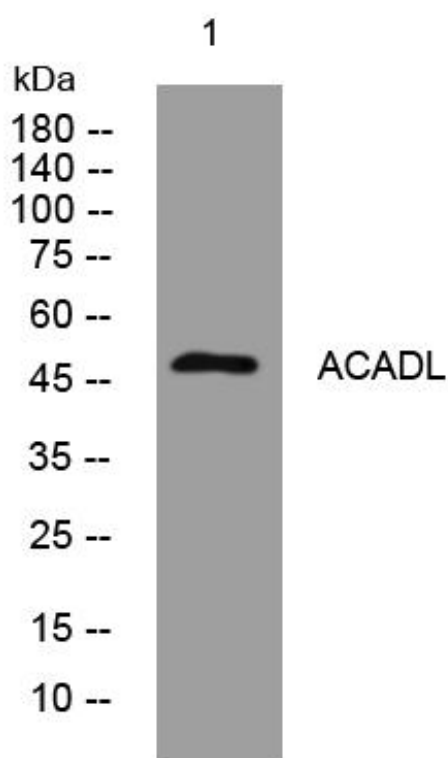
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ACADL mouse mAb