



ACADL (PT1791R) Rabbit mAb

Catalog No	YP-rAb-18557
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB、IHC、IF、ELISA
Gene Name	ACADL
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Purification	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000 Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0 (Cat#YS0004)
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	ACADL;ACADL
Observed Band	48kD
Calculated Molecular Weight	48kD
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 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] ,

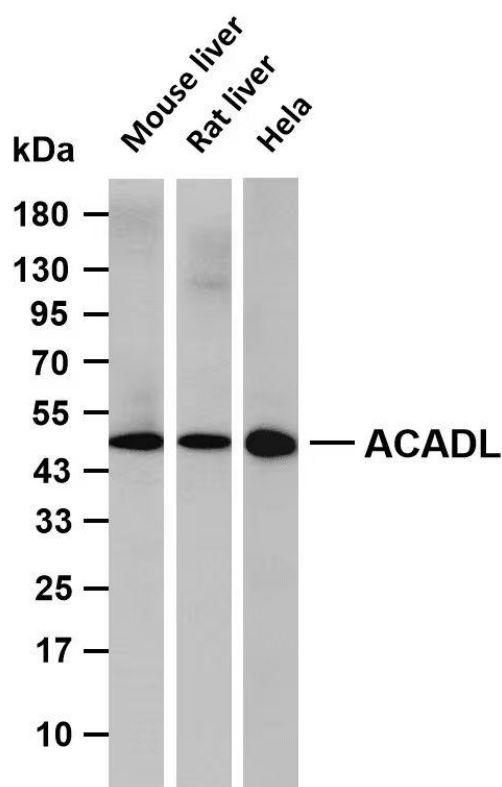
**matters needing attention**

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



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ACADL (PT1791R) antibody.

The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

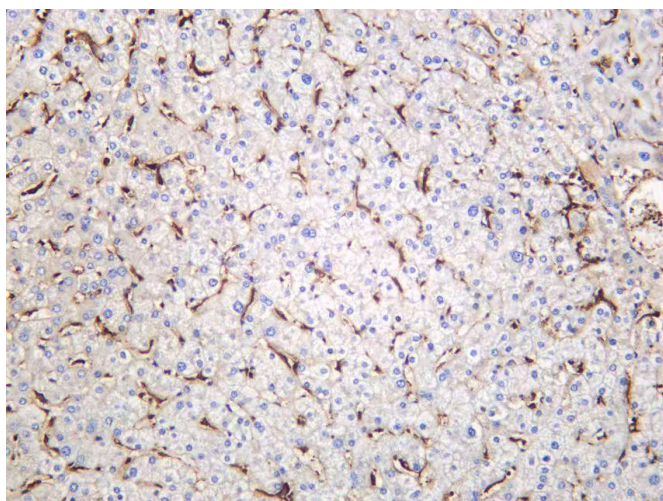
Lane 1: Mouse liver

Lane 2: Rat liver

Lane 3: Hela

Predicted band size: 48kDa

Observed band size: 48kDa



Human liver was stained with anti-ACADL (PT1791R) Rabbit antibody