antibodies - online.com







anti-ACADL antibody (N-Term)

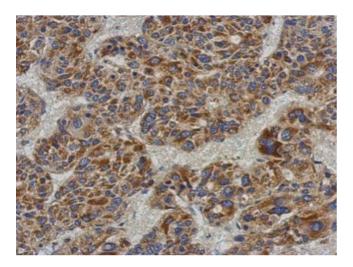




Overview	
Quantity:	100 μL
Target:	ACADL
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACADL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human
	ACADL. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to ACADL (acyl-CoA dehydrogenase, long chain)
	ACADL antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	ACADL

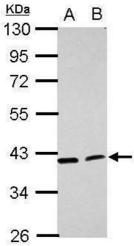
Target Details

Alternative Name:	acyl-CoA dehydrogenase long chain (ACADL Products)
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.
	Cellular Localization: Mitochondrion matrix
Molecular Weight:	48 kDa
Gene ID:	33
UniProt:	P28330
Pathways:	Monocarboxylic Acid Catabolic Process
Application Details	
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determine
	by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299 , HCT116
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANC
	which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid
	multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human hepatoma, using ACADL, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: H1299 B: HCT116 10% SDS PAGE antibody diluted at 1:1000