

For Research Use Only

ACADL-Specific Recombinant antibody

Catalog Number:85379-1-RR



Basic Information

Catalog Number: 85379-1-RR	GenBank Accession Number: NM_001608	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 33	CloneNo.: 242413B10
Source: Rabbit	UNIPROT ID: P28330	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: acyl-Coenzyme A dehydrogenase, long chain	
	Calculated MW: 48 kDa	
	Observed MW: 45-48 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:
WB : mouse liver tissue, mouse kidney tissue, mouse lung tissue, rat liver tissue

Background Information

ACADL(Long-chain specific acyl-CoA dehydrogenase, mitochondrial) is also named as LCAD and belongs to the acyl-CoA dehydrogenase family.It catalyzes the first reaction of the mitochondrial β -oxidation of fatty acids and is synthesized in the cytosol as a precursor that is larger than its mature form. The size difference between the precursor and mature rat LCAD has been estimated to be 3 kDa on the basis of SDS-PAGE(PMID:1774065). Defects in ACADL are a cause of acyl-CoA dehydrogenase very long-chain deficiency (ACADVLD).This antibody is specific to ACADL

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

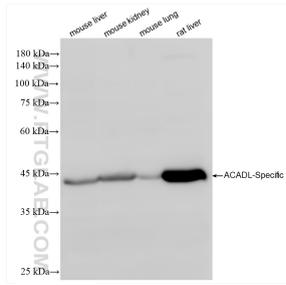
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85379-1-RR (ACADL-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.