

For Research Use Only

ACADL-Specific Recombinant antibody, PBS Only

Catalog Number: 85379-1-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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 (ACADVL). This antibody is specific to ACADL.

Storage

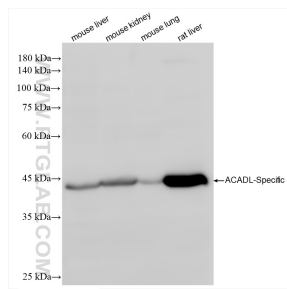
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
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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. This data was developed using the same antibody clone with 85379-1-PBS in a different storage buffer formulation.