

## ACADL-Specific antibody

### Product Information

Catalog No.:	FNab00064
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

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  $\beta$ -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).

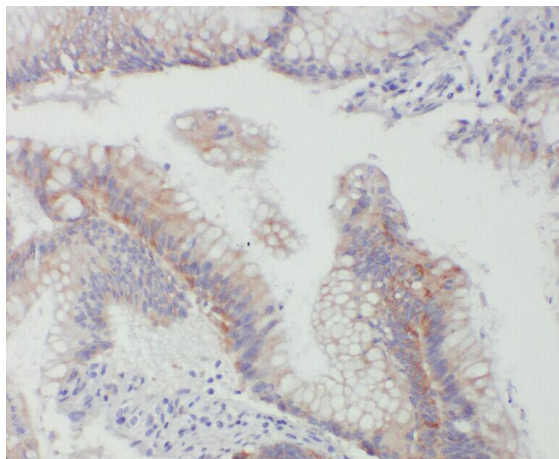
### Immunogen information

Immunogen:	acyl-Coenzyme A dehydrogenase, long chain
Synonyms:	Long-chain specific acyl-CoA dehydrogenase, mitochondrial (LCAD) ACADL
Observed MW:	48 kDa
Uniprot ID :	P28330

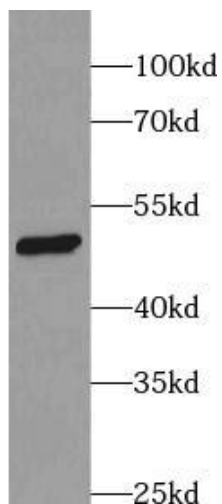
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:200-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human colon tissue slide using FNab00064(ACADL-Specific Antibody) at dilution of 1:50



mouse kidney tissue were subjected to SDS PAGE followed by western blot with FNab00064(ACADL-Specific antibody) at dilution of 1:300