

ACADVL antibody

Product Information

Catalog No.:	FNab00068
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

Very long-chain acyl-CoA dehydrogenase (VLCAD) is one of four flavoproteins which catalyze the initial step of the mitochondrial β -oxidation spiral. It belongs to the acyl-CoA dehydrogenase family and is a homodimer of a 71-kDa polypeptide. The molecular mass of the nondenatured trypsinized VLCAD is 98 kDa, by gel filtration chromatography, indicating that it is a homodimer of the 48 kDa(trypsin digest) polypeptide(PMID:9461620). Defects in ACADVL are the cause of acyl-CoA dehydrogenase very long chain deficiency (ACADVL D). It has 2 isoforms(70 kDa and 68 kDa) produced by alternative splicing and a transit peptide.

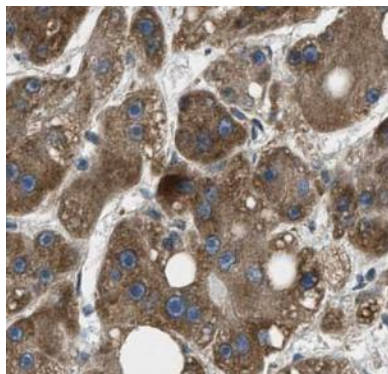
Immunogen information

Immunogen:	acyl-Coenzyme A dehydrogenase, very long chain
Synonyms:	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial (VLCAD) ACADVL VLCAD
Observed MW:	48 kDa, 68-73 kDa
Uniprot ID :	P49748

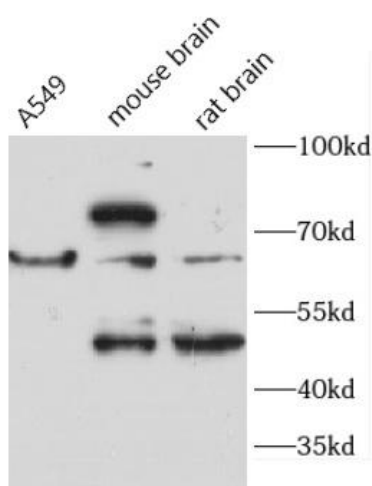
Application

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 liver cancer using FNab00068(ACADVL antibody) at dilution of 1:50



Various lysates were subjected to SDS PAGE followed by western blot with FNab00068(ACADVL antibody) at dilution of 1:1000