

Nur für Forschungszwecke

ACADVL Polyklonaler Antikörper

Katalog-Nr.:14527-1-AP

Vorgestelltes Produkt

7 Publikationen



Allgemeine Informationen

Katalog-Nr.:
14527-1-AP

Größe:
150ul , Konzentration: 350 µg/ml von 37
Nanodrop und 273 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG6016

GenBank-Zugangsnummer:
BC012912

GeneID (NCBI):

Vollständiger Name:
acyl-Coenzyme A dehydrogenase,
very long chain

Berechnete Masse:
70 kDa

Beobachtete Masse:
66-73 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:1000-1:4000
IHC 1:100-1:400

Anwendungen

Geprüfte Anwendungen:
IHC, WB,ELISA

In Publikationen genannte Anwendungen:
WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigendemaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : Mauslebergewebe, HeLa-Zellen, L02-Zellen,
Rattenlebergewebe

IHC : humanes Leberkarzinomgewebe,

Hintergrundinformationen

Very long-chain acyl-CoA dehydrogenase (VLCAD) is one of four flavoproteins which catalyze the initial step of the mitochondrial b-oxidation spiral. It belongs to the acyl-CoA dehydrogenase family and is a homodimer of a 71-kDa polypeptide which contains 2 mol of FAD/mol of enzyme. 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 (tryptic digest) polypeptide (PMID:9461620). Defects in ACADVL are the cause of acyl-CoA dehydrogenase very long chain deficiency (ACADVL). It has 2 isoforms (70 kDa and 68 kDa) produced by alternative splicing and a transit peptide. This antibody is specific to ACADVL.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
De Huang	25242319	Cell Rep	WB
Qian Sun	27634671	Biochim Biophys Acta	WB
Yiyi Ma	36425583	Front Pharmacol	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

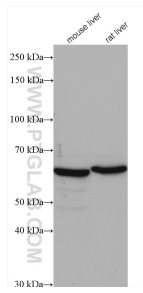
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

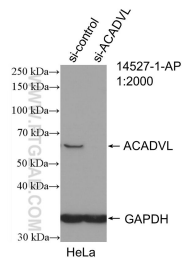
E: proteintech@ptglab.com
W: ptglab.com

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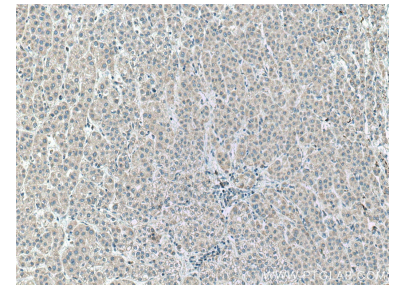
Ausgewählte Validierungsdaten



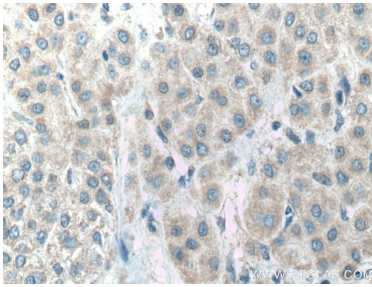
Various lysates were subjected to SDS PAGE followed by western blot with 14527-1-AP (ACADVL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of ACADVL antibody (14527-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACADVL transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14527-1-AP (ACADVL antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14527-1-AP (ACADVL antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).