

ACADL-Specific Recombinant antibody

Cat:B36447S**Company:** HaoKebio**Uniprot ID:**P28330**Applications:** IHC:1:250-1:1000**Organism:**Rabbit

IHC-Polymer:1:1000-1:4000

Species reactivity:Human Mouse Rat

IHC-TSA:1:1200-1:5000

Molecular Weight Calculation: 48 kDa

IF:1:50

Observed Molecular Weight: 45-48 kDa

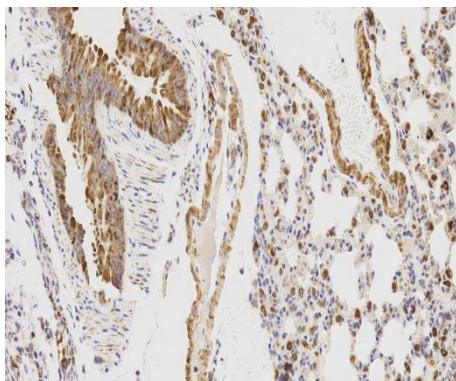
WB:1:5000-1:50000

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 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. Defects in ACADL are a cause of acyl-CoA dehydrogenase very long-chain deficiency (ACADVLD). This antibody is specific to ACADL.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:

Sample: Mouse lung, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:ACADL-Specific(B36447S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:ACADL-Specific(B36447S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Synonyms:

ACADL, 242413B10, ACAD4, EC:1.3.8.8, LCAD

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:PBS with 0.02% sodium azide,100 μ g/ml BSA and 50% glycerol.**Storage:**

Store at -20 °C for one year.