

ACSL4/FACL4 Recombinant antibody

Cat:B36067S

Company: HaoKebio

Uniprot ID:O60488

Applications: IHC:1:50-1:500

Organism:Rabbit

IHC-Polymer:1:200-1:2000

Species reactivity:Human Mouse Rat

IHC-TSA:1:250-1:2500

Molecular Weight Calculation: 711 aa, 79 kDa

WB:1:5000-1:50000

Observed Molecular Weight: 70 kDa, 75 kDa

IP:1ug for 1mg of total protein lysate

Background:

Acyl-CoA synthetase long-chain family member 4 (Acsl4), an important enzyme involved in lipid metabolism, participates in ferroptosis by converting free AA into arachidonoyl-CoA to generate 1 lipid hydroperoxides. Recent studies revealed that ACSL4 is involved in biological responses including inflammation, steroidogenesis, cell death, female fertility, and cancer. Acsl4 has two isoforms: 79 kDa and 75 kDa. ACSL4 also can be detected in 70 kDa.

Synonyms:

ACSL4, FACL4, EC:6.2.1.15, Arachidonate--CoA ligase, ACSL 4

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

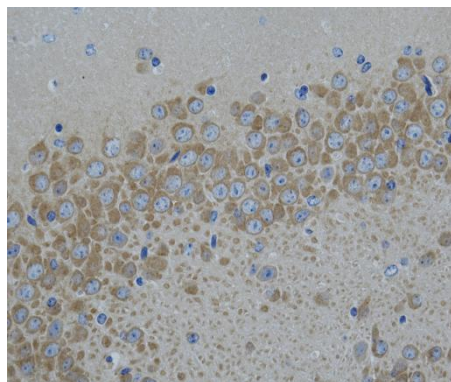
Store at -20 °C for one year.

Experimental procedure:

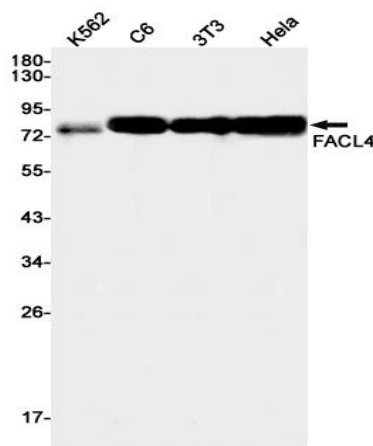
Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium

dium 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 brain, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:ACSL4/FACL4(B36067S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:ACSL4/FACL4(B36067S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

