

ACSL4 Rabbit Polyclonal Antibody



CAB6826

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

80KDa

Calculated MW:

74kDa/79kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Protein Background

The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme preferentially utilizes arachidonate as substrate. The absence of this enzyme may contribute to the mental retardation or Alport syndrome. Alternative splicing of this gene generates multiple transcript variants.

Immunogen information

Gene ID:

2182

Uniprot

O60488

Synonyms:

ACSL4; ACS4; FAFL4; LACS4; MRX63; MRX68

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

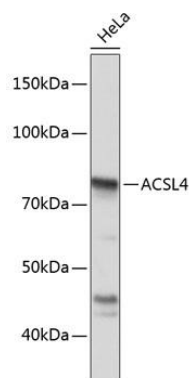
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human ACSL4 (NP_004449.1).

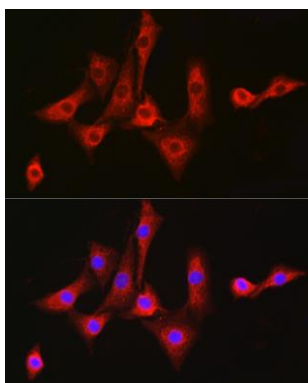
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of HeLa cells, using ACSL4 Polyclonal Antibody (CAB6826) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunofluorescence analysis of NIH-3T3 cells using ACSL4 Rabbit pAb (CAB6826) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.