

ACSL4

Reactivity: Human Mouse

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 79kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ACSL4

Storage Buffer:

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

Synonym:

ACS4; FAFL4; LACS4; MRX63; MRX68;

Catalog #: A6826

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2182

Isotype: IgG

Swiss Prot: O60488

Purity: Affinity purification

For research use only.

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 2 transcript variants.

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