

## ACSL4

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**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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