

Product Name: ACSL4 Rabbit Monoclonal Antibody
Catalog #: AMRe21426



Summary

Production Name	ACSL4 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
Purification	Protein A

Immunogen

Gene Name	ACSL4
Alternative Names	Long-chain-fatty-acid--CoA ligase 4;Long-chain acyl-CoA synthetase 4;LACS 4;
Gene ID	2182.0
SwissProt ID	O60488.

Application

Dilution Ratio	IHC 1:200-1:2000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
Molecular Weight	Calculated MW:78kD;Observed MW:78kD

Background

Cell localization:Membrane.The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase

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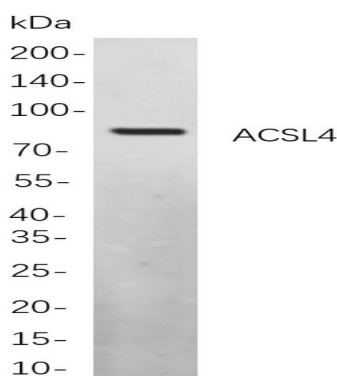


family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme preferentially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

[provided by RefSeq, Jan 2016]

Research Area

Image Data



Western blot analysis of lysates from HeLa cells, using ACSL4 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

Note

For research use only.