

ACSL1 Polyclonal Antibody

catalog number: E-AB-91485

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

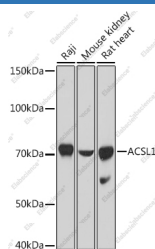
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human ACSL1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

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

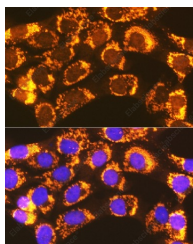
Data



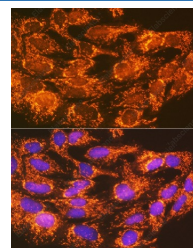
Western blot analysis of extracts of various cell lines using ACSL1 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:78 kDa

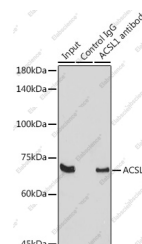
Calculated-MW:76 kDa/77 kDa



Immunofluorescence analysis of NIH-3T3 cells using ACSL1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using ACSL1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300ug extracts of Raji cells using 3ug ACSL1 Polyclonal Antibody. Western blot was performed from the immunoprecipitate using ACSL1 Polyclonal Antibody at a dilution of 1:1000.

Observed-MW:78 kDa

Calculated-MW:76 kDa/77 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.8

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. Several transcript variants encoding different isoforms have been found for this gene.