

ACSL3 Rabbit mAb

Catalog No.: A22085

Recombinant

2 Publications

Basic Information

Observed MW

75kDa

Calculated MW

80kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC55219

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 is highly expressed in brain, and preferentially utilizes myristate, arachidonate, and eicosapentaenoate as substrates. The amino acid sequence of this isozyme is 92% identical to that of rat homolog. Two transcript variants encoding the same protein have been found for this gene.

Recommended Dilutions

WB 1:10000 - 1:30000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

2181

Swiss Prot

O95573

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 600-700 of human ACSL3 (NP_004448.2).

Synonyms

ACS3; FAFL3; LACS3; LACS 3; PRO2194; ACSL3

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

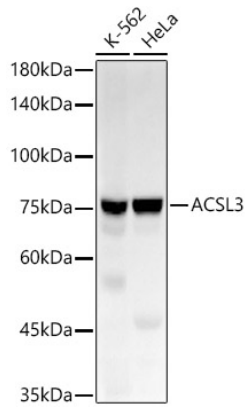
Affinity purification

Storage

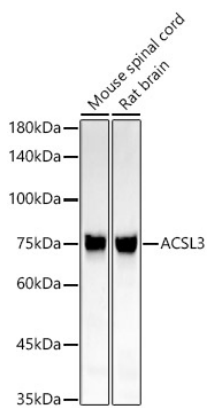
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

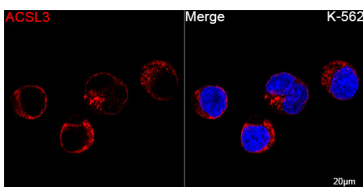
Validation Data



Western blot analysis of extracts of various cell lines, using ACSL3 antibody (A22085) at 1:30000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



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Confocal imaging of K-562 cells using ACSL3
Rabbit mAb (A22085, dilution
1:200)(Red). DAPI was used for nuclear
staining (blue). Objective: 100x.