

Datasheet for ABIN950255  
**anti-Acsl3 antibody (C-Term)**



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1 Image

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.4 mL                                          |
| Target:              | Acsl3                                           |
| Binding Specificity: | AA 527-556, C-Term                              |
| Reactivity:          | Human                                           |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This Acsl3 antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| Immunogen:                  | KLH conjugated synthetic peptide between 527-556 amino acids from the C-terminal region of human ACSL3 |
| Isotype:                    | Ig Fraction                                                                                            |
| Specificity:                | This antibody reacts to ACSL3.                                                                         |
| Cross-Reactivity (Details): | Species reactivity (tested):Human.                                                                     |
| Purification:               | Affinity chromatography on Protein A                                                                   |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | Acsl3                                    |
| Alternative Name: | ACSL3 ( <a href="#">Acsl3 Products</a> ) |

## Target Details

**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. **Synonyms:** ACS3, FACL3, LACS3, Long-chain acyl-CoA synthetase 3, Long-chain-fatty-acid--CoA ligase 3

**Gene ID:** 2181

**NCBI Accession:** [NP\\_004448](#)

**Pathways:** [SARS-CoV-2 Protein Interactome](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS containing 0.09 % (W/V) sodium azide as preservative

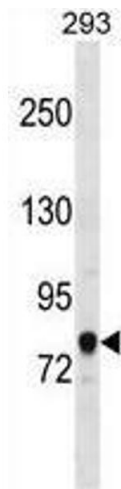
**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** ACSL3 Antibody (C-term) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the ACSL3 antibody detected the ACSL3 protein (arrow).