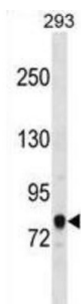


Acyl-CoA Synthetase Long-Chain Family Member 3 (ACSL3) Antibody

Catalogue No.: abx028963



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.

Target:	Acyl-CoA Synthetase Long-Chain Family Member 3 (ACSL3)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 528-556 amino acids from the C-terminal region of human ACSL3.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O95573 (UniProt , ExPASy)

Datasheet

Version: 4.0.0

Revision date: 20 Mar 2025



Gene Symbol: ACSL3

KEGG: hsa:2181

String: [9606.ENSP00000350012](#)

Molecular Weight: Calculated MW: 80.4 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Rat ACSL3.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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