

Datasheet for ABIN5647454
anti-Acsl3 antibody (AA 528-556)



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1 Image

Overview

Quantity:	0.08 mL
Target:	Acsl3
Binding Specificity:	AA 528-556
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acsl3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 528-556 from the human protein was used as the immunogen for this ACSL3 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat
Purification:	Antigen affinity purified

Target Details

Target:	Acsl3
Alternative Name:	ACSL3 / FACL3 (Acsl3 Products)
Background:	Acyl CoA synthetase long chain family member 3 is an isozyme of the long-chain fatty-acid-

Target Details

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.

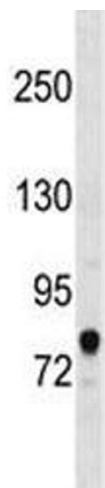
UniProt:	O95573
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ACSL3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. ACSL3 antibody western blot analysis in human 293 lysate. Predicted molecular weight ~80 kDa.