Datasheet for ABIN5647455

anti-ACSL4 antibody (AA 28-56)

1 Image

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Overview

Quantity:	0.08 mL
Target:	ACSL4
Binding Specificity:	AA 28-56
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 28-56 from the human protein was used as the immunogen for this FACL4 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse,Rat
Purification:	Antigen affinity purified

Target Details

Target:	ACSL4
Alternative Name:	ACSL4 / FACL4 (ACSL4 Products)
Background:	The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase

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Target Details

	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 preferentially utilizes arachidonate as substrate. The absence of this enzyme may contribute to the mental retardation or Alport syndrome. Alternative splicing of this gene generates 2 transcript variants.
UniProt:	O60488

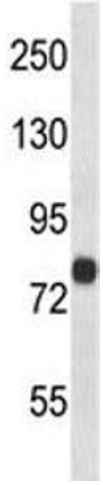
Application Details

Application Notes:	Western blot: 1:500-1:1000
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 FACL4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. FACL4 antibody western blot analysis in human 293 lysate. Predicted molecular weight ~80 kDa.