

Datasheet for ABIN635129 **anti-ACSL5 antibody (C-Term)**

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ACSL5
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ACSL5 antibody was raised using the C terminal of ACSL5 corresponding to a region with amino acids ACNYVKLEDVADMNYFTVNNEGEVCIKGTNVFKGYLKDPEKTQEALDSDG
Specificity:	ACSL5 antibody was raised against the C terminal of ACSL5
Purification:	Affinity purified

Target Details

Target:	ACSL5
Alternative Name:	ACSL5
Background:	ASCL5 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

Target Details

in lipid biosynthesis and fatty acid degradation. This isozyme is highly expressed in uterus and spleen, and in trace amounts in normal brain, but has markedly increased levels in malignant gliomas. This gene functions in mediating fatty acid-induced glioma cell growth. Three transcript variants encoding two different isoforms have been found for this gene.

Molecular Weight: 76 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: ACSL5 Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this ACSL5 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ACSL5 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.