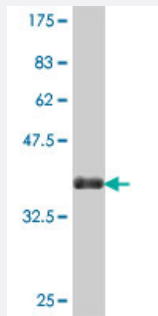


ACSL5 polyclonal antibody (A01)

Catalog # H00051703-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.67 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ACSL5.
Immunogen	ACSL5 (NP_057318, 91 a.a. ~ 186 a.a) partial recombinant protein with GST tag.
Sequence	PQPVLPLLDLNNQSVGIEGGARKGVSQKNNDLTSCCFSDAKTMYEVFQRGLAVSDNGPCLGYRK PNQPYRWLSYKQVSDRAEYLGSCLLHKGYSKSS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (81)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.67 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ACSL5

Entrez GeneID [51703](#)

GeneBank Accession# [NM_016234](#)

Protein Accession# [NP_057318](#)

Gene Name ACSL5

Gene Alias ACS2, ACS5, FAFL5

Gene Description acyl-CoA synthetase long-chain family member 5

Omim ID [605677](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 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. [provided by RefSeq]

Other Designations FAFL5 for fatty acid coenzyme A ligase 5|OTTHUMP00000020489|OTTHUMP00000020490|fatty acid coenzyme A ligase 5|fatty-acid-Coenzyme A ligase, long-chain 5|long-chain acyl-CoA synthetase 5|long-chain fatty acid coenzyme A ligase 5

Pathway

- [Adipocytokine signaling pathway](#)
- [Fatty acid metabolism](#)
- [Metabolic pathways](#)
- [PPAR signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Tobacco Use Disorder](#)