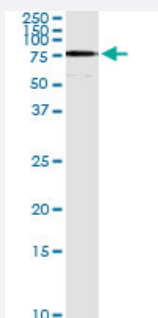


ACSL5 (Human) IP-WB Antibody Pair

Catalog # H00051703-PW1

Size 1 Set

Applications



Immunoprecipitation of ACSL5 transfected lysate using mouse monoclonal anti-ACSL5 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-ACSL5.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (81)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of ACSL5 transfected lysate using mouse monoclonal anti-ACSL5 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-ACSL5.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-ACSL5 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-ACSL5 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — ACSL5

Entrez GeneID [51703](#)

Gene Name ACSL5

Gene Alias ACS2, ACS5, FACL5

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 FACL5 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](#)