

ACSL6 Antibody (aa499-548)
Rabbit Polyclonal Antibody
Catalog # ALS16669**Specification**

ACSL6 Antibody (aa499-548) - Product Information

Application	IHC, WB
Primary Accession	O9UKU0
Other Accession	23305
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	77752

ACSL6 Antibody (aa499-548) - Additional Information**Gene ID** 23305**Other Names**

ACSL6, ACS2, FACL6, LACS 6, LACS2, KIAA0837, LACS5

Target/Specificity

ACSL6 Antibody detects endogenous levels of total ACSL6 protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

ACSL6 Antibody (aa499-548) is for research use only and not for use in diagnostic or therapeutic procedures.

ACSL6 Antibody (aa499-548) - Protein Information**Name** ACSL6 ([HGNC:16496](#))**Function**

Catalyzes the conversion of long-chain fatty acids to their active form acyl-CoA for both synthesis of cellular lipids, and degradation via beta-oxidation (PubMed:22633490, PubMed:24269233). Plays an important role in fatty acid metabolism in brain and the acyl- CoAs produced may be utilized exclusively for the synthesis of the brain lipid.

Cellular Location

Mitochondrion outer membrane; Single-pass type III membrane protein. Peroxisome membrane; Single-pass type III membrane protein. Microsome membrane; Single-pass type III membrane

protein. Endoplasmic reticulum membrane; Single-pass type III membrane protein

Tissue Location

Expressed predominantly in erythrocyte precursors, in particular in reticulocytes, fetal blood cells derived from fetal liver, hemopoietic stem cells from cord blood, bone marrow and brain

Volume

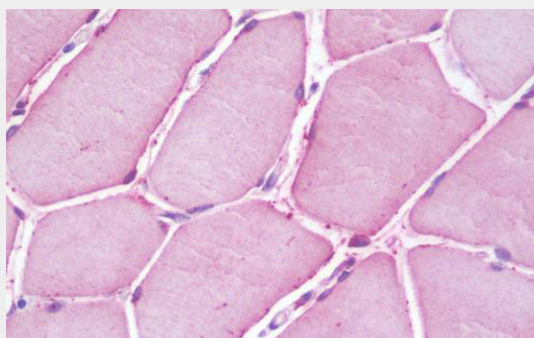
50 μ l

ACSL6 Antibody (aa499-548) - Protocols

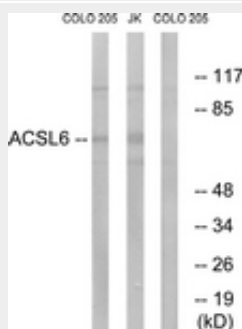
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACSL6 Antibody (aa499-548) - Images



Anti-ACSL6 antibody IHC staining of human skeletal muscle.



Western blot of extracts from COLO/Jurkat cells, using ACSL6 Antibody.

ACSL6 Antibody (aa499-548) - Background

Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Plays an important role in fatty acid metabolism in brain and the acyl-CoAs produced may be utilized exclusively for the synthesis of the brain lipid.

ACSL6 Antibody (aa499-548) - References

- Malhotra K.T.,et al.Biochem. J. 344:135-143(1999).
Yagasaki F.,et al.Genes Chromosomes Cancer 26:192-202(1999).
Soupene E.,et al.BMC Mol. Biol. 7:21-21(2006).
Nagase T.,et al.DNA Res. 5:355-364(1998).
Li W.B.,et al.Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.