

ACSL6 Polyclonal Antibody
Catalog # AP68275**Specification**

ACSL6 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9UKU0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

ACSL6 Polyclonal Antibody - Additional Information**Gene ID** 23305**Other Names**

ACSL6; ACS2; FACL6; KIAA0837; LACS5; Long-chain-fatty-acid--CoA ligase 6; Long-chain acyl-CoA synthetase 6; LACS 6

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ACSL6 Polyclonal Antibody - 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

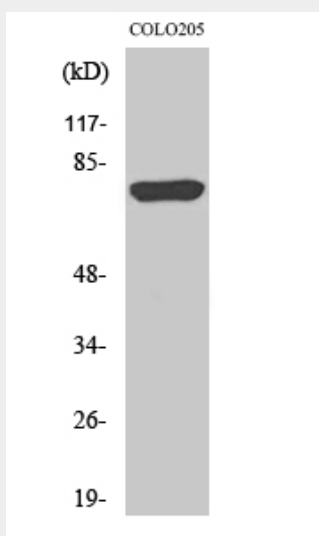
Expressed predominantly in erythrocyte precursors, in particular in reticulocytes, fetal blood cells derived from fetal liver, hemopoietic stem cells from cord blood, bone marrow and brain

ACSL6 Polyclonal Antibody - Protocols

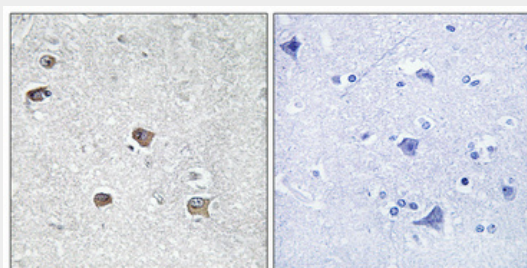
Provided below are standard protocols that you may find useful for product applications.

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

ACSL6 Polyclonal Antibody - Images



Western Blot analysis of various cells using ACSL6 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

ACSL6 Polyclonal Antibody - 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.