

## **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 $\sim\sim$ 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:<a

href="http://www.uniprot.org/citations/22633490" target="\_blank">22633490</a>, PubMed:<a href="http://www.uniprot.org/citations/24269233" target="\_blank">24269233</a>). 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**



1el. 030.073.1900 Lax. 030.073.1999

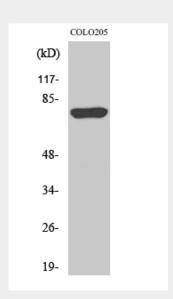
Expressed predominantly in erythrocyte precursors, in particular in reticulocytes, fetal blood cells derived from fetal liver, hemopoietic stem cells from cord blood, bone marrow and brain

# **ACSL6 Polyclonal Antibody - Protocols**

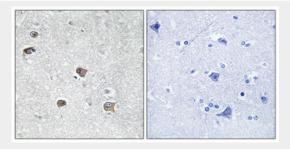
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## ACSL6 Polyclonal Antibody - Images



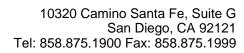
Western Blot analysis of various cells using ACSL6 Polyclonal Antibody diluted at 1□1000



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. Negetive contrl (right) obtaned 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.