

Datasheet for ABIN7240637

anti-ACSL4 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	ACSL4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human ACSL4
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ACSL4
Alternative Name:	ACSL4 (ACSL4 Products)
Background:	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

Target Details

preferentially utilizes arachidonate as substrate. The absence of this enzyme may contribute to the mental retardation or Alport syndrome. Alternative splicing of this gene generates 2 transcript variants.

Molecular Weight: 79 kDa

UniProt: [O60488](#)

Application Details

Application Notes: WB 1:1000-1:5000, IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

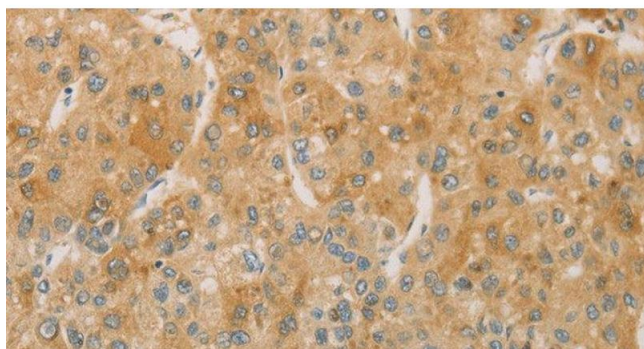
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

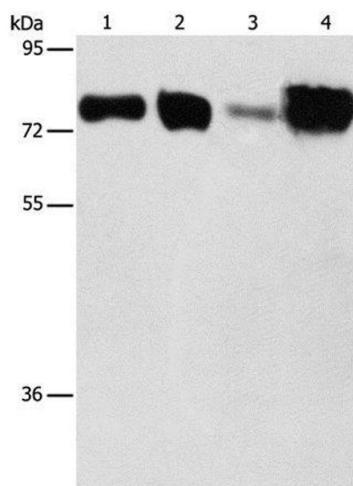
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



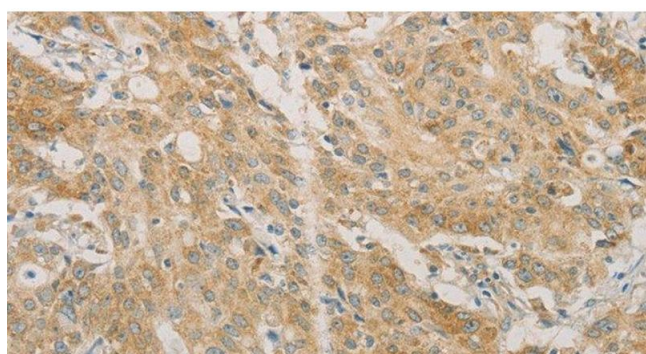
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer using ACSL4 Polyclonal Antibody at dilution of 1:60



Western Blotting

Image 2. Western Blot analysis of Hepg2 and hela cell, Human fetal kidney and liver tissue using ACSL4 Polyclonal Antibody at dilution of 1:650



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human gastric cancer using ACSL4 Polyclonal Antibody at dilution of 1:60