antibodies - online.com







anti-ACSL4 antibody (C-Term)





Overview

Quantity:	100 μg
Target:	ACSL4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ACSL4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

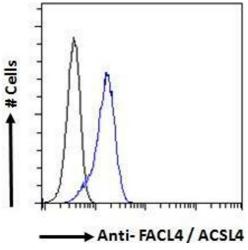
Purpose:	FACL4 / ACSL4
Immunogen:	Peptide with sequence C-HYLKDIERMYGGK, from the C Terminus of the protein sequence according to NP_004449.1, NP_075266.1.
Sequence:	HYLKDIERMY GGK
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoform 1 (NP_004449.1) and isoform 2 (NP_075266.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details	
Grade:	Verified
Target Details	
Target:	ACSL4
Alternative Name:	ACSL4 (ACSL4 Products)
Background:	ACSL4, acyl-CoA synthetase long-chain family member 4, FACL4, fatty-acid-Coenzyme A ligase, long-chain 4, ACS4, LACS 4, lignoceroyl-CoA synthase, Fatty acid coenzyme A ligase, long-chain 4, MRX63, LACS4, MRX68, acyl-CoA synthetase 4, long-chain fatty-acid
Gene ID:	2182, 50790, 113976
NCBI Accession:	NP_004449, NP_075266
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Small Intestine and Brain (Cortex). Recommended concentration: 3.75 µg/mL. Western Blot: Approx 80-85 kDa band observed in lysates of cell line HepG2 and approx 75 kDa in preliminary testing of Human Adipose lysate (calculated MW of 79.2 kDa according to NP_075266.1 and 74.4 kDa according to NP_004449.1). Recommended concentration: Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the Golgi and Endoplasmic reticulum of HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended co
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated
	at 4°C for a few weeks and still remain viable.

Images



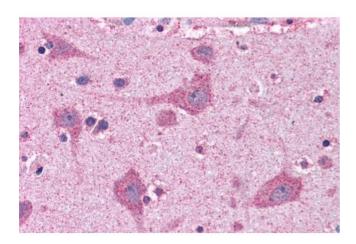


Flow Cytometry

Image 1. ABIN184846 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Western Blotting

Image 2. Antibody (0.1 μ g/ml) staining of HepG2 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN184846 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the product details page for more images. Overall 4 images are available for ABIN184846.