

Datasheet for ABIN6259742

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

Overview

Quantity:	100 µL
Target:	ACSL4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human ACSL4/FACL4, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	ACSL4/FACL4 Antibody detects endogenous levels of total ACSL4/FACL4.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	ACSL4
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Target Details

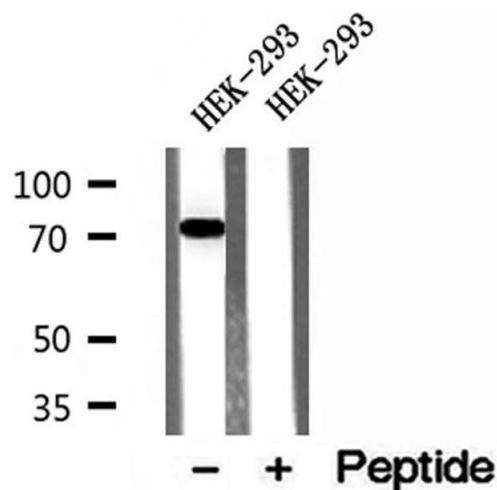
Alternative Name:	ACSL4 (ACSL4 Products)
Background:	Description: Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Preferentially uses arachidonate and eicosapentaenoate as substrates. Gene: ACSL4
Molecular Weight:	79 kDa, 74 kDa
Gene ID:	2182
UniProt:	O60488

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

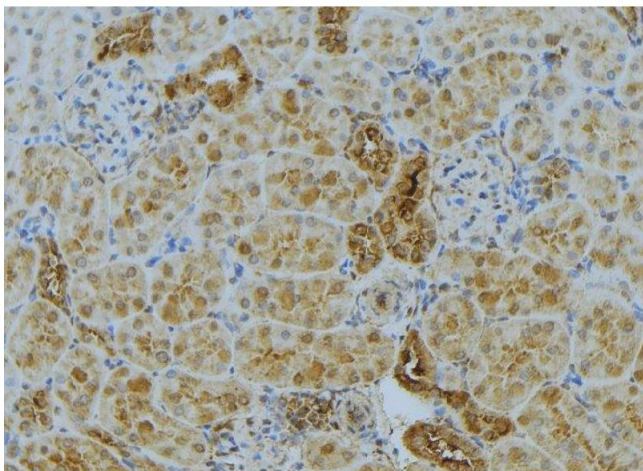
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



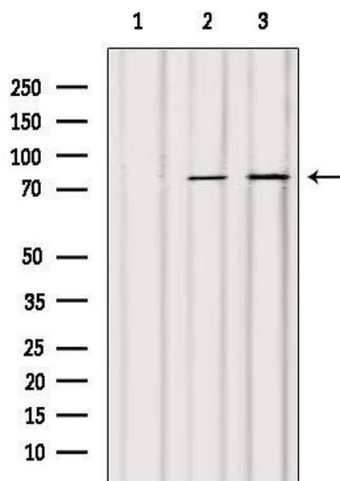
Western Blotting

Image 1. Western blot analysis of extracts of HEK-293 cells, using ACSL4/FACL4 antibody.



Immunohistochemistry

Image 2. ABIN6272985 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 3. Western blot analysis of extracts from various samples, using ACSL4/FACL4 Antibody. Lane 1: 3t3 treated with blocking peptide; Lane 2: 3t3; Lane 3: Mouse spleen.