

ARG43827 anti-ACSL4 / FACL4 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ACSL4 / FACL4
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ACSL4 / FACL4
Immunogen	Synthetic peptide of Human FACL4/ACSL4.
Epitope	EPWTP ETGLV TDAFK LKRKE LR
Conjugation	Un-conjugated
Alternate Names	Long-chain-fatty-acid--CoA ligase 4; ACS4; MRX68; Long-chain acyl-CoA synthetase 4; EC 6.2.1.3; FACL4; LACS4; LACS 4; MRX63

Application Instructions

Application table	Application	Dilution
	ELISA	1:500-1:150/10 ⁶ cells
	ICC/IF	1:250
	IHC-P	1:500-1:1000
	WB	1:2000- 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

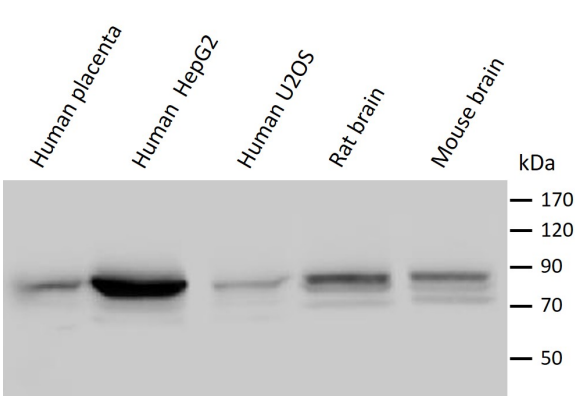
Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	500 µg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Background

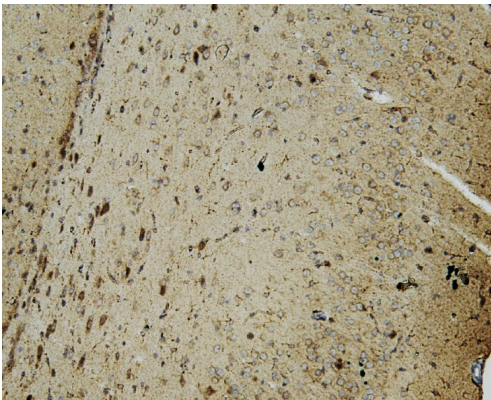
The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme 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. [provided by RefSeq, Jul 2008]

Images



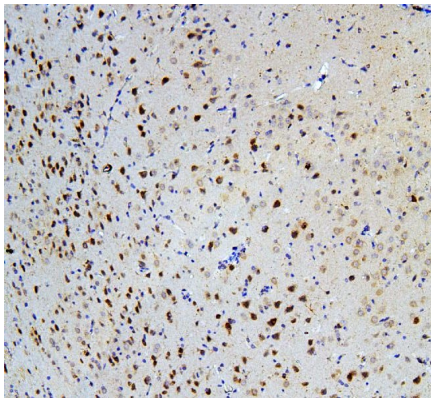
ARG43827 anti-ACSL4 / FACL4 antibody WB image

Western blot: Human placenta, HepG2, U2OS, Rat brain and Mouse brain stained with ARG43827 anti-ACSL4 / FACL4 antibody at 1:2000 dilution



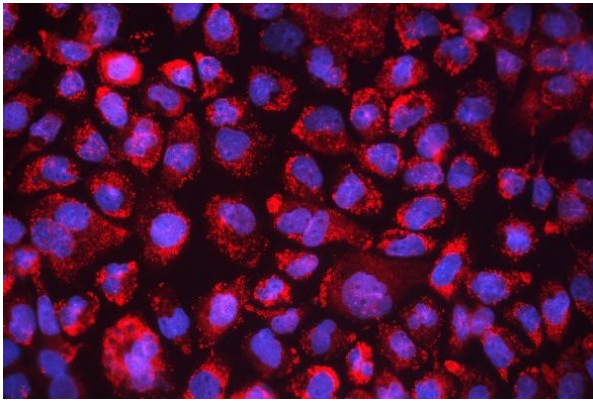
ARG43827 anti-ACSL4 / FACL4 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG43827 anti-ACSL4 / FACL4 antibody at 1:100 .dilution



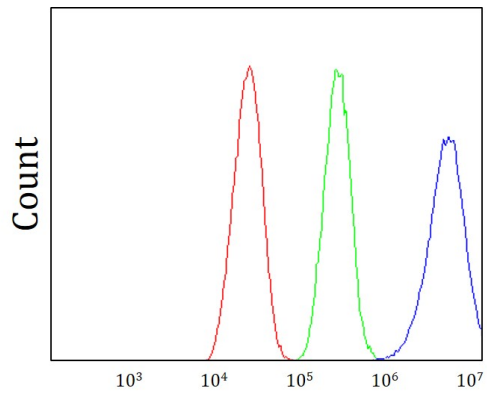
ARG43827 anti-ACSL4 / FACL4 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG43827 anti-ACSL4 / FACL4 antibody at 1:100 .dilution



ARG43827 anti-ACSL4 / FACL4 antibody ICC/IF image

Immunofluorescence: A431 cells stained with ARG43827 anti-ACSL4 / FACL4 antibody.



ARG43827 anti-ACSL4 / FACL4 antibody FACS image

Flow Cytometry: HepG2 cell stained with ARG43827 anti-ACSL4 / FACL4 antibody.