

Summary

Production Name	FACL4 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	FACL4
Alternative Names	ACS4; FACL4; LACS4; MRX63; MRX68
Gene ID	2182
SwissProt ID	O60488.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:50
Molecular Weight	Calculated MW:79 kDa; Observed MW:79 kDa

Background

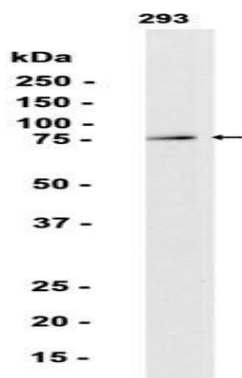
Product Name: FACL4 Rabbit Monoclonal Antibody
Catalog #: AMRe87303



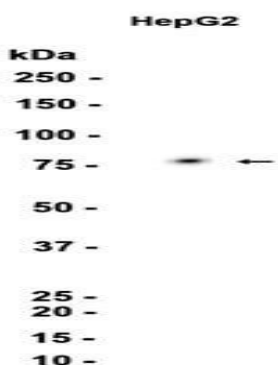
The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby 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 cognitive disability or Alport syndrome. Alternative splicing of this gene generates multiple transcript variants. [provided by RefSeq, Jan 2016]

Research Area

Image Data



Western blot analysis of extracts from 293 cells using AMRe87303 at 1:1000.



Western blot analysis of extracts from HepG2 cells using AMRe87303 at 1:1000.

Note

For research use only.