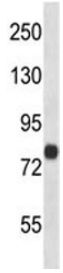
FACL4 Antibody / ACSL4 (F43816)

Catalog No.	Formulation	Size
F43816-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43816-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O60488
Applications	Western blot: 1:500-1:1000
Limitations	This FACL4 antibody is available for research use only.



FACL4 antibody western blot analysis in human 293 lysate. Predicted molecular weight ~80 kDa (long form).

Description

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.

Application Notes

Titration of the FACL4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 28-56 from the human protein was used as the immunogen for this FACL4 antibody.

Storage

Aliquot the FACL4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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