

FACL4 Antibody

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

CATALOG NO.: 45-563

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

FACL4 Antibody. This antibody is expected to recognise both reported human isoforms, as represented by NP_004449 and NP_075266.

SOURCE:

FACL4 antibody was raised against a synthetic peptide of FACL4.

PROTEIN ACCESSION NUMBER(S) :

NP_004449, NP_075266

SPECIES REACTIVITY:

Human, Mouse, Rat

TESTED APPLICATION:

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APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:128,000.
Western Blot: Preliminary experiments gave an approx 90kDa band in H460 lysate at 0.2ug/ml. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 77kDa and 82kDa according to NP_004449 and NP_075266.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Piccini M, Vitelli F, Bruttini M, Pober BR, Jonsson JJ, Villanova M, Zollo M, Borsani G, Ballabio A, Renieri A. FACL4, a new gene encoding long-chain acyl-CoA synthetase 4, is deleted in a family with Alport syndrome, elliptocytosis, and mental retardatio

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.