Product Datasheet

FACL4 Rabbit mAb

Catalog No: #56910

Package Size: #56910-1 50ul #56910-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	FACL4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	FACL4 Antibody detects endogenous levels of total FACL4
Immunogen Description	A synthesized peptide derived from FACL4
Conjugates	Unconjugated
Other Names	ACS4; Acsl4; acyl CoA synthetase 4; FACL4; Fatty acid Coenzyme A ligase; LACS4; Long chain 4; long chain fatty acid Coenzyme A ligase 4; MRX63; MRX68;
Accession No.	Uniprot:O60488
Calculated MW	79kDa
SDS-PAGE MW	79kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:2000

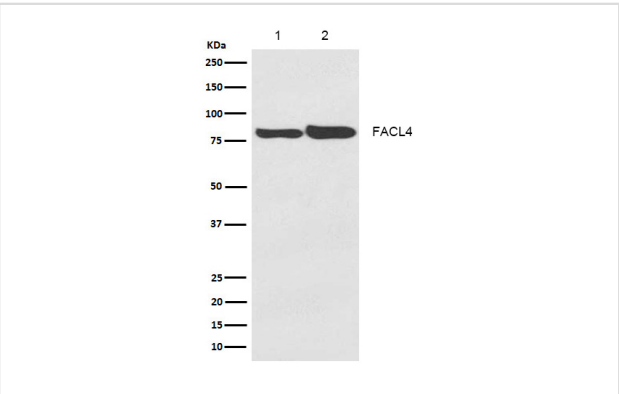
IHC:1:50~1:200

ICC/IF:1:50~1:200

IP:1:50

FC:1:50

Images



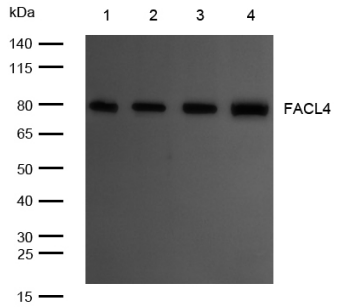
All lanes: FACL4 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : 293 whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 79 kDa
Observed band size: 79 kDa

Exposure time: 5 seconds



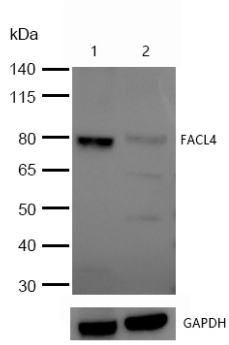
All lanes: FACL4 Rabbit mAb at 1/1k dilution

Lane 1 : Mouse liver lysates Lane 2 : Mouse brain lysates
Lane 3 : Rat liver lysates Lane 4 : Rat brain lysates
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 79 kDa
Observed band size: 79 kDa

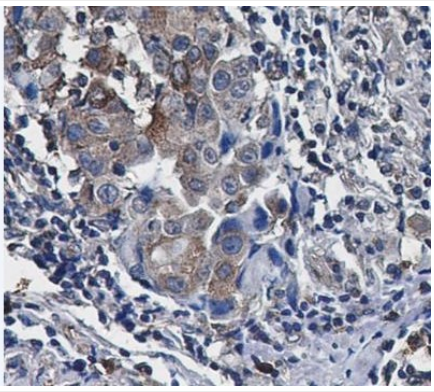
Exposure time: 8 seconds



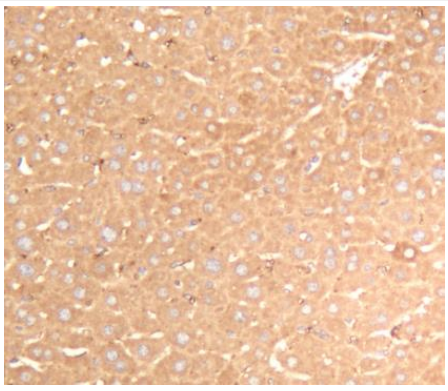
All lanes :FACL4 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type A549 cell lysate
Lane 2 : FACL4 knockdown A549 cell lysate

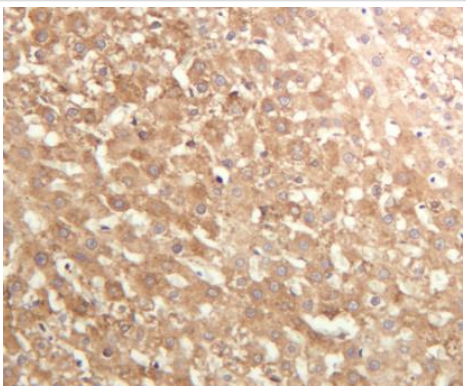
Lysates/proteins at 20 µg per lane.



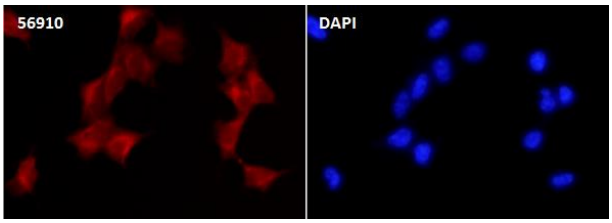
Formalin-fixed, paraffin-embedded human lung cancer tissue stained for FACL4 using 56910 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded mouse liver tissue stained for FACL4 using 56910 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded rat liver tissue stained for FACL4 using 56910 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence FACL4 antibody (56910) ICC/IF staining of FACL4 in 293T cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 56910 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

Product 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.