

Product Datasheet

FACL4 Antibody (4W3T9)

NBP3-16012-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16012-100ul

FACL4 Antibody (4W3T9)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4W3T9
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

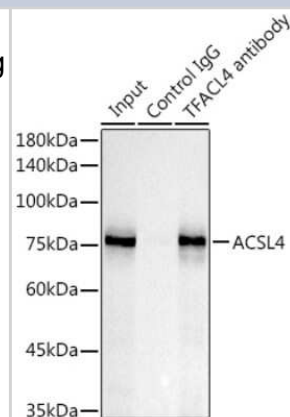
Host	Rabbit
Gene ID	2182
Gene Symbol	ACSL4
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 42-321 of human FACL4 (NP_075266.1). MAKRIKAKPTSDKPGSPYRSVTHFDSLAVIDIPGADTLDKLFDHAVSKFGKKDSL GTREILSEENEMQPNGKVFKKLILGNYKWMNYLEVNRRVNNFGSGLTALGLKP KNTIAIFCETRAEWMIAAQTCFKYNFPLVTLYATLGKEAVVHGLNESEASYLITS VELLESKLKTALLDISCVKHIIYVDNKAINKAIEYPEGFEIHSMQSVEELGSPENL GIPPSRPTPSDMAIVMYTSGSTGRPKGVMHHSNLIAGMTGQCERIPGLGPKD TYIGYLPL

Product Application Details

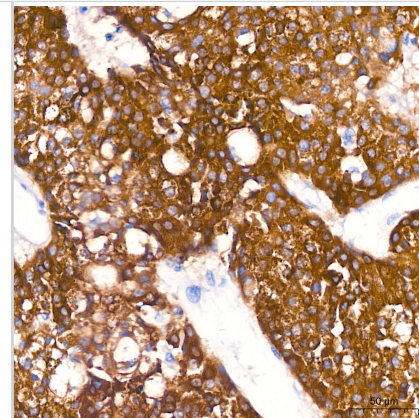
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:10000 - 1:20000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:50 - 1:200

Images

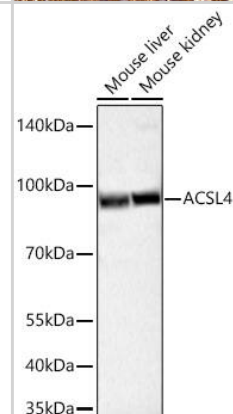
Immunoprecipitation: FACL4 Antibody (3I8D10) [NBP3-16012] - Immunoprecipitation analysis of 300ug extracts of HepG2 cells using 3ug FACL4 antibody (NBP3-16012). Western blot was performed from the immunoprecipitate using FACL4 antibody (NBP3-16012) at a dilution of 1:2000.



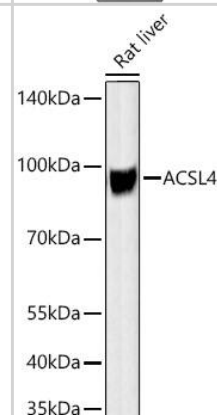
Immunohistochemistry: FACL4 Antibody (4W3T9) [FACL4] - Immunohistochemistry analysis of paraffin-embedded Human liver cancer using FACL4 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



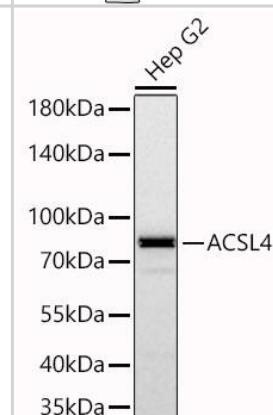
Western Blot: FACL4 Antibody (4W3T9) [FACL4] - Western blot analysis of various lysates using FACL4 Rabbit mAb at 1:58000 dilution incubated overnight at 4C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.
 Lysates/proteins: 25 ug per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit .
 Exposure time: 45s.



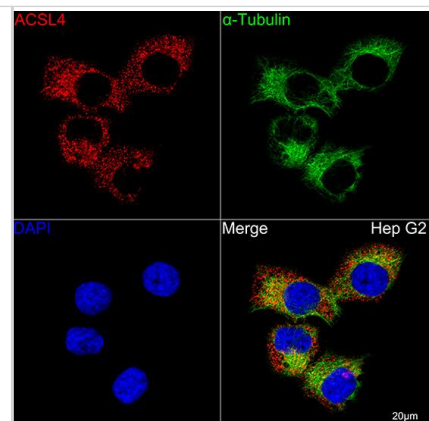
Western Blot: FACL4 Antibody (4W3T9) [FACL4] - Western blot analysis of lysates from Rat liver using FACL4 Rabbit mAb at 1:58000 dilution incubated overnight at 4C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.
 Lysates/proteins: 25 ug per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit .
 Exposure time: 20s.



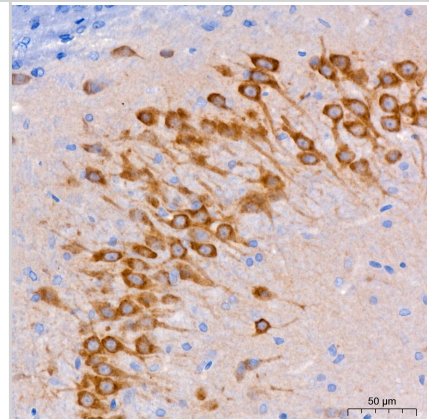
Western Blot: FACL4 Antibody (4W3T9) [FACL4] - Western blot analysis of lysates from Hep G2 cells using FACL4 Rabbit mAb at 1:58000 dilution incubated at room temperature for 1.5 hours.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.
 Lysates/proteins: 25 ug per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit .
 Exposure time: 45s.



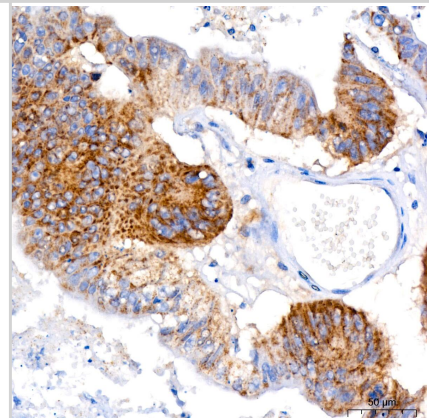
Immunocytochemistry/ Immunofluorescence: FACL4 Antibody (4W3T9) [FACL4] - Confocal imaging of Hep G2 cells using FACL4 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



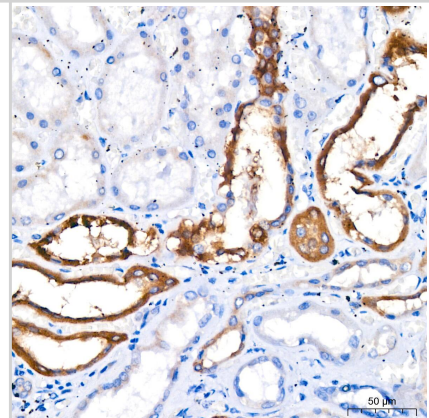
Immunohistochemistry: FACL4 Antibody (4W3T9) [FACL4] - Immunohistochemistry analysis of paraffin-embedded Rat brain using FACL4 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: FACL4 Antibody (4W3T9) [FACL4] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using FACL4 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: FACL4 Antibody (4W3T9) [FACL4] - Immunohistochemistry analysis of paraffin-embedded Human kidney using FACL4 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





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Products Related to NBP3-16012-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55119PEP	FACL4 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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