

Product Datasheet

FACL4 Antibody (4W3T9)

NBP3-16012-100ul

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-16012

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-16012



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 |

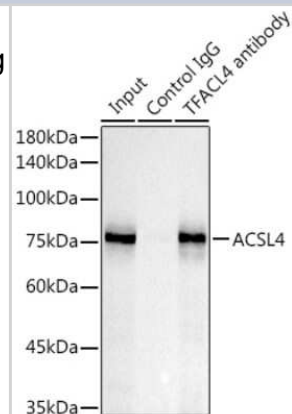
| Product Description | |
|---------------------|--|
| Description | Novus Biologicals Rabbit FACL4 Antibody (4W3T9) (NBP3-16012) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| 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 GTREILSEENEMQPNGKVFKKLILGNYKWMNYLEVNRVNNFGSGLTALGLKP KNTIAIFCETRAEWMIAAQTCFKYNFPLVTLATLGKEAVVHGLNESEASYLITS VELLESKLKTALLDISCVKHIIYVDNKAINKAEYPEGFEIHSMQSVEELGSPENL 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 |

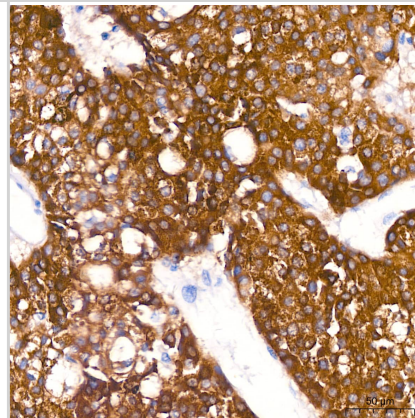


Images

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.

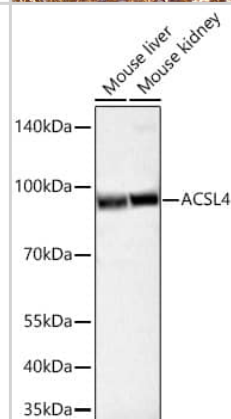
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

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.

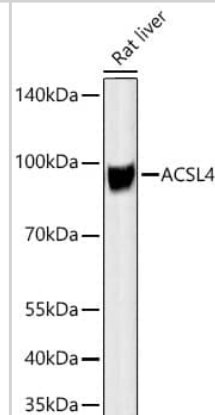
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

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.

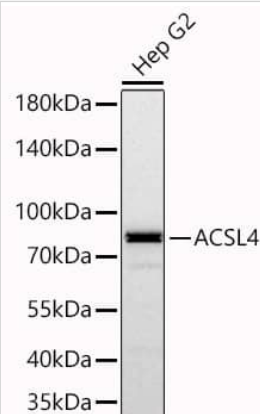
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

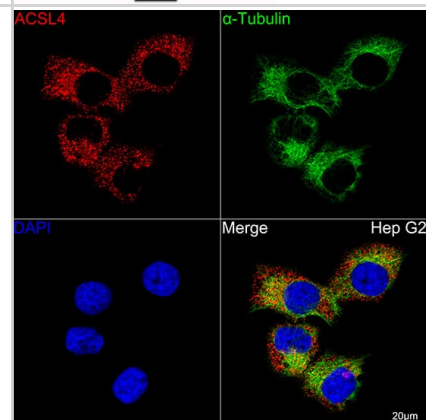
Detection: ECL Basic Kit .

Exposure time: 45s.

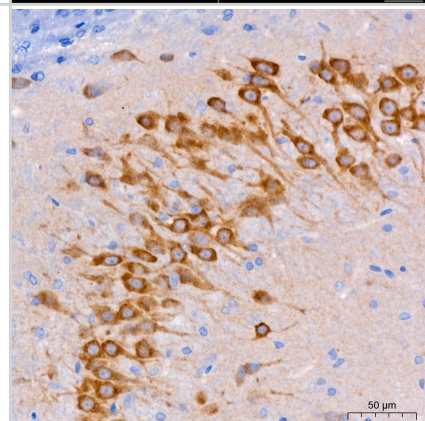


Immunocytochemistry/ Immunofluorescence: FACL4 Antibody (4W3T9) [FACL4] - Confocal imaging of Hep G2 cells using FACL4 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) .

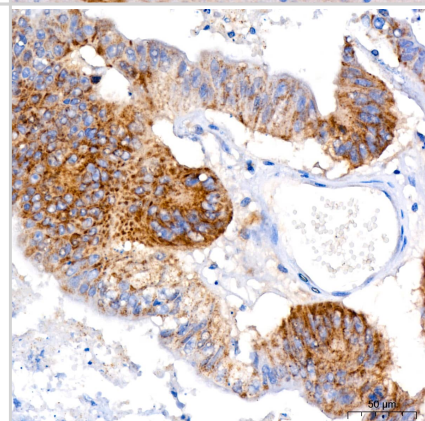
The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



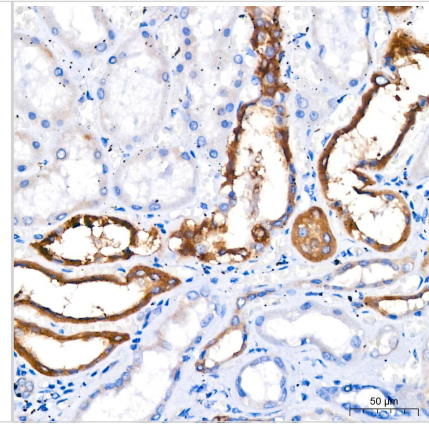
Immunohistochemistry: FACL4 Antibody (4W3T9) [FACL4] - Immunohistochemistry analysis of paraffin-embedded Rat brain using FACL4 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-16012-100ul

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-16012

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

