

# Product Datasheet

## **FACL4 Antibody (HL229) - Azide and BSA Free NBP3-13666**

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-13666](http://www.novusbio.com/NBP3-13666)

Updated 7/31/2025 v.20.1

**Earn rewards for product  
reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-13666](http://www.novusbio.com/reviews/destination/NBP3-13666)



**NBP3-13666**

FACL4 Antibody (HL229) - Azide and BSA Free

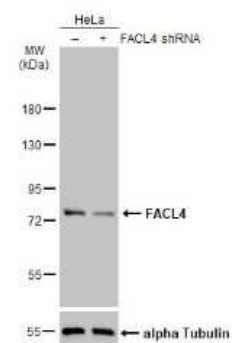
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL229
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	79 kDa

Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene ID	2182
Gene Symbol	ACSL4
Species	Human, Mouse, Rat, Drosophila
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human FACL4. The exact sequence is proprietary.

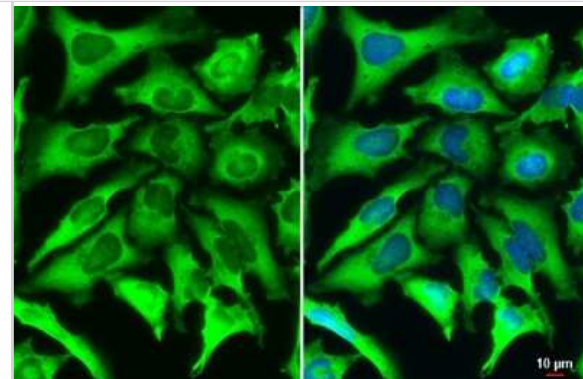
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin Assay dependent

**Images**

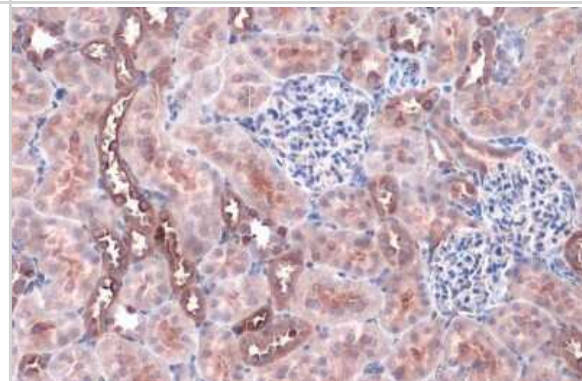
Western Blot: FACL4 Antibody (HL229) [NBP3-13666] - Non-transfected (-) and transfected (+) HeLa whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with FACL4 antibody [HL44] (NBP3-13666) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



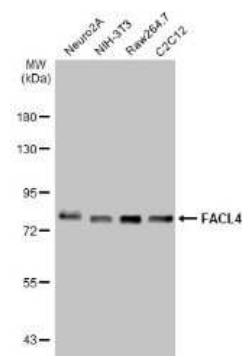
**Immunocytochemistry/Immunofluorescence: FACL4 Antibody (HL229) [NBP3-13666]** - FACL4 antibody [HL229] detects FACL4 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: FACL4 stained by FACL4 antibody [HL229] (NBP3-13666) diluted at 1:500. Blue: Fluoroshield with DAPI. Scale bar= 10  $\mu$ m.



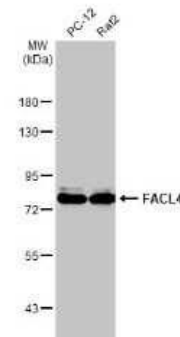
**Immunohistochemistry-Paraffin: FACL4 Antibody (HL229) [NBP3-13666]** - FACL4 antibody [HL229] detects FACL4 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. FACL4 stained by FACL4 antibody [HL229] (NBP3-13666) diluted at 1:50. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



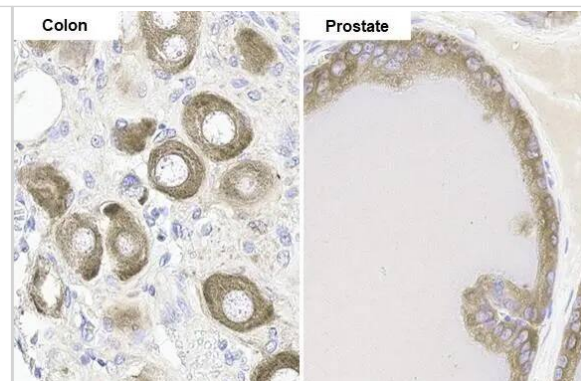
**Western Blot: FACL4 Antibody (HL229) [NBP3-13666]** - Various whole cell extracts (30  $\mu$ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with FACL4 antibody [HL229] (NBP3-13666) diluted at 1:1000. The HRP-conjugated anti-FALSE was used to detect the primary antibody.



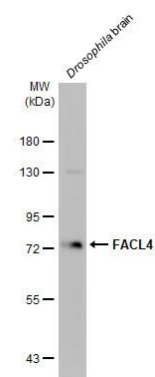
**Western Blot: FACL4 Antibody (HL229) [NBP3-13666]** - Various whole cell extracts (30  $\mu$ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with FACL4 antibody [HL229] (NBP3-13666) diluted at 1:1000. The HRP-conjugated anti-FALSE was used to detect the primary antibody.



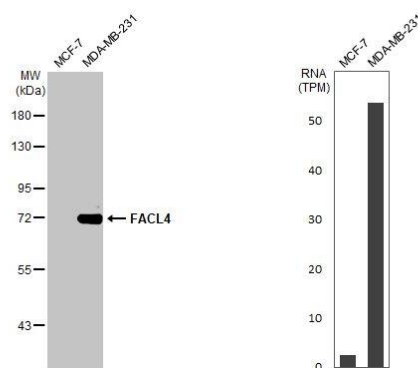
**Immunohistochemistry-Paraffin: FACL4 Antibody (HL229) [NBP3-13666]**  
 - FACL4 antibody [HL44] detects FACL4 protein by immunohistochemical analysis. Sample: Paraffin-embedded rat tissues. FACL4 stained by FACL4 antibody [HL44] (NBP3-13666) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**Western Blot: FACL4 Antibody (HL229) [NBP3-13666]** - Drosophila tissue extract (50 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with FACL4 antibody [HL44] (NBP3-13666) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.



**Western Blot: FACL4 Antibody (HL229) [NBP3-13666]** - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with FACL4 antibody [HL229] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.





### **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 NBP3-13666**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-90258PEP	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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-13666](http://www.novusbio.com/reviews/submit/NBP3-13666)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

