

# Product Datasheet

## FZR1/CDH1 Antibody NBP2-15840

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



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

### Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-15840](http://www.novusbio.com/NBP2-15840)

Updated 9/25/2025 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/NBP2-15840](http://www.novusbio.com/reviews/destination/NBP2-15840)



**NBP2-15840**

## FZR1/CDH1 Antibody

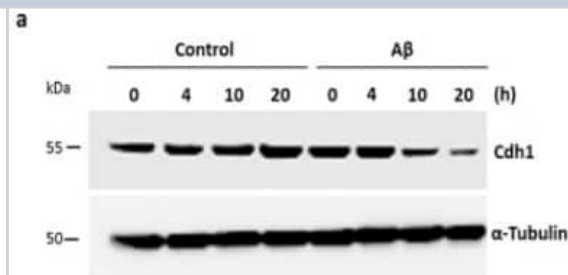
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	55 kDa

Product Description	
Description	Novus Biologicals Rabbit FZR1/CDH1 Antibody (NBP2-15840) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-FZR1/CDH1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51343
Gene Symbol	FZR1
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (90%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human FZR1/CDH1. The exact sequence is proprietary.

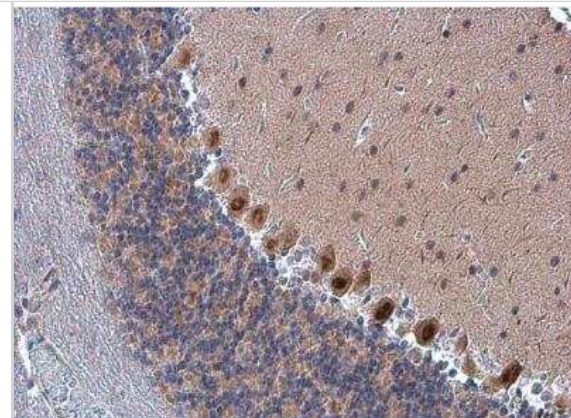
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

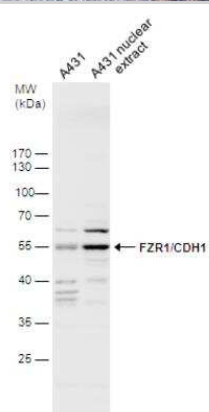
FZR1-CDH1-Antibody-Immunocytochemistry-Immunofluorescence-NBP2-15840-img0014.jpg



Immunohistochemistry-Paraffin: FZR1/CDH1 Antibody [NBP2-15840] - Mouse brain. FZR1 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



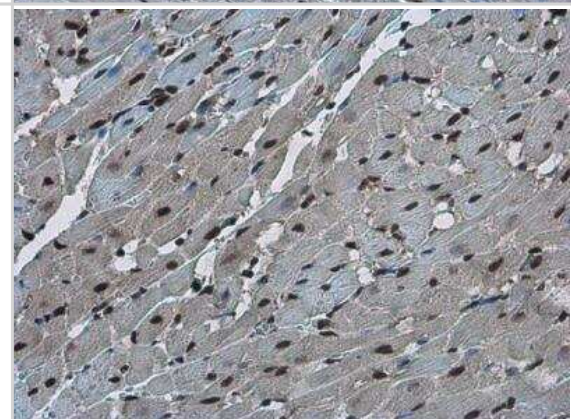
Western Blot: FZR1/CDH1 Antibody [NBP2-15840] - A431 whole cell and nuclear extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with FZR1/CDH1 antibody diluted at 1:1000.



Immunohistochemistry-Paraffin: FZR1/CDH1 Antibody [NBP2-15840] - Mouse heart. FZR1 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunohistochemistry-Paraffin: FZR1/CDH1 Antibody [NBP2-15840] - Rat heart. FZR1 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



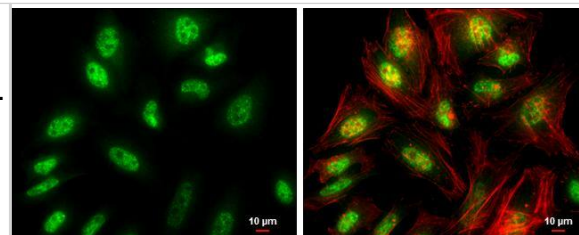
FZR1 antibody detects FZR1 protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: FZR1 protein stained by FZR1 antibody (NBP2-15840) diluted at 1:500.

Red: Phalloidin, a cytoskeleton marker, diluted at 1:100.

Scale bar = 10  $\mu$ m.



## Publications

Yamada C, Morooka A, Miyazaki S et al. TORC1 inactivation promotes APC/C-dependent mitotic slippage in yeast and human cells *iScience* 2021-12-01 [PMID: 35141499]

Rahman MT, Muppala S, Wu J et al. Inhibition of neddylation causes meiotic arrest in mouse oocyte *Cell Cycle* 2019-05-21 [PMID: 31111756] (Mouse)

Kim, W;Cho, YS;Wang, X;Park, O;Ma, X;Kim, H;Gan, W;Jho, EH;Cha, B;Jeung, YJ;Zhang, L;Gao, B;Wei, W;Jiang, J;Chung, KS;Yang, Y; Hippo signaling is intrinsically regulated during cell cycle progression by APC/CCdh1 *Proc. Natl. Acad. Sci. U.S.A.* 2019-04-18 [PMID: 31000600] (WB, Human)

Li Z, Zhang B, Yao W et al. APC-Cdh1 Regulates Neuronal Apoptosis Through Modulating Glycolysis and Pentose-Phosphate Pathway After Oxygen-Glucose Deprivation and Reperfusion. *Cell. Mol. Neurobiol.* 2018-11-20 [PMID: 30460429] (WB)

T. Fuchsberger, S. Martinez-Bellver, E. Giraldo A Induces Excitotoxicity Mediated by APC/C-Cdh1 Depletion That Can Be Prevented by Glutaminase Inhibition Promoting Neuronal Su. *Nature.com* 2016-08-12 [PMID: 27514492] (WB, IF/IHC, ICC/IF, Rat)



### **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 NBP2-15840**

---

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

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-15840](http://www.novusbio.com/reviews/submit/NBP2-15840)

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

