

# Product Datasheet

## P-Cadherin Antibody - BSA Free NBP1-59222

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)

### Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-59222](http://www.novusbio.com/NBP1-59222)

Updated 2/21/2025 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/NBP1-59222](http://www.novusbio.com/reviews/destination/NBP1-59222)



**NBP1-59222**

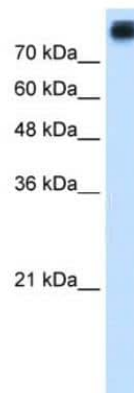
P-Cadherin Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	91 kDa
<b>Product Description</b>	
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1001
<b>Gene Symbol</b>	CDH3
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 24332913).
<b>Marker</b>	Intercellular Junctions Marker
<b>Immunogen</b>	Synthetic peptides corresponding to P-cadherin (placental)) The peptide sequence was selected from the N terminal of P-cadherin. Peptide sequence AVSENGASVEDPMNISIIVTDQNDHKPKFTQDTFRGSVLEGLPGTSVMQ. The peptide sequence for this immunogen was taken from within the described region.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 24332913).

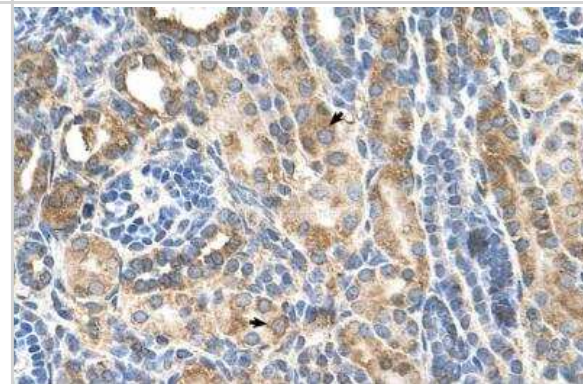


## Images

Western Blot: P-Cadherin Antibody [NBP1-59222] - Suggested Anti-CDH3 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate



Immunohistochemistry-Paraffin: P-Cadherin Antibody [NBP1-59222] - Human Kidney



## Publications

Lindfors S Molecular mechanisms of podocyte injury: focus on adiponectin signalling in obesity and type 2 diabetes Thesis 2023-01-01

Yang CC, Sung PH, Chen KH et al. Valsartan- and melatonin-supported adipose-derived mesenchymal stem cells preserve renal function in chronic kidney disease rat through upregulation of prion protein participated in promoting PI3K-Akt-mTOR signaling and cell proliferation *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie* 2021-12-20 [PMID: 34923336] (ICC/IF, IF/IHC, Rat)

Yang CC, Sung PH, Chen CH Et al. Additional benefit of induced pluripotent stem cell-derived mesenchymal stem cell therapy on sepsis syndrome-associated acute kidney injury in rat treated with antibiotic *Stem cell research & therapy* 2021-10-07 [PMID: 34620235] (IHC-P, Rat)

Neupane S, Sohn WJ, Gwon GJ et al. The role of APCDD1 in epithelial rearrangement in tooth morphogenesis. *Histochem Cell Biol* 2015-10-01 [PMID: 26170146]

Cheung KJ, Gabrielson E, Werb Z, Ewald AJ. Collective Invasion in Breast Cancer Requires a Conserved Basal Epithelial Program. *Cell* 2013-12-19 [PMID: 24332913] (ICC/IF, Mouse)



### 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 NBP1-59222

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-85707PEP	P-Cadherin 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/NBP1-59222](http://www.novusbio.com/reviews/submit/NBP1-59222)

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

