

# Product Datasheet

## P-Cadherin Antibody - BSA Free NBP1-85707

Unit Size: 0.1 ml

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

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**NBP1-85707**

P-Cadherin Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<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>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

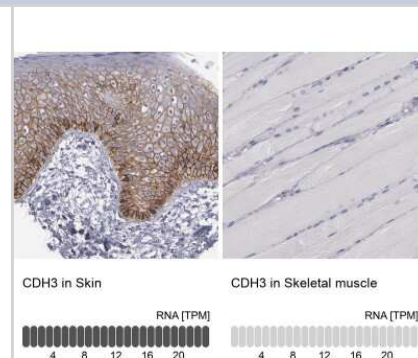
<b>Description</b>	Novus Biologicals Rabbit P-Cadherin Antibody - BSA Free (NBP1-85707) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-P-Cadherin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1001
<b>Gene Symbol</b>	CDH3
<b>Species</b>	Human
<b>Marker</b>	Intercellular Junctions Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: YNGVVAYSIIHSQEPKDPHDLMTIHRSTGTISVISSGLDREKVPEYTLTIQATDM DGDGSTTTAVAVVEILDANDNAPMFDPQKYEAHVPENAVGHEVQRLTVTDLDA PNSPAWRATYLMGGDDGDHFTITTHPE

**Product Application Details**

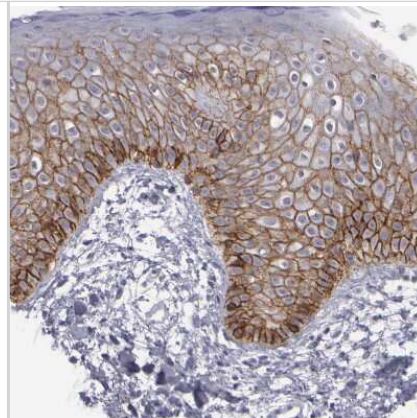
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

Immunohistochemistry-Paraffin: P-Cadherin Antibody [NBP1-85707] - Analysis in human skin and skeletal muscle tissues. Corresponding CDH3 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: P-Cadherin Antibody [NBP1-85707] - Staining of human skin shows moderate membranous positivity in squamous epithelial cells.



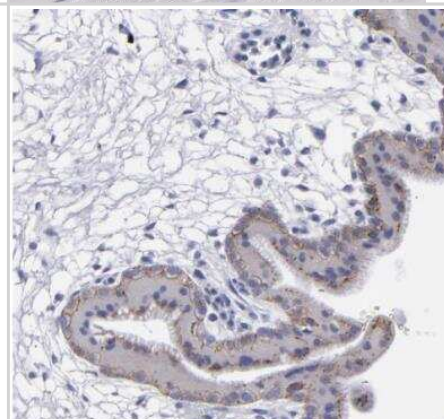
Immunohistochemistry-Paraffin: P-Cadherin Antibody [NBP1-85707] - Staining of human colon shows weak membranous positivity in glandular cells.



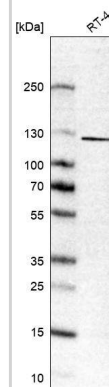
Immunohistochemistry-Paraffin: P-Cadherin Antibody [NBP1-85707] - Staining of human skeletal muscle shows no membranous positivity in myocytes as expected.



Immunohistochemistry-Paraffin: P-Cadherin Antibody [NBP1-85707] - Staining of human placenta shows moderate membranous positivity in trophoblastic cells.



Analysis in human cell line RT-4.



## Publications

Fawzy A, Allah S, Salem M, Al Farouk L Immunohistochemical and Histopathological Study of Anaplastic Lymphoma Kinase and Tyrosine-kinase Receptor Expression in Bronchogenic Carcinoma Open Access Macedonian Journal of Medical Sciences 2021-02-18 (IHC-P, Human)

Yang CC, Yip HK, Chen KH et al. Impact of impaired cardiac function on the progression of chronic kidney disease---role of pharmacomodulation of valsartan.. Am J Transl Res 2017-05-31 [PMID: 28560004] (IF/IHC, ICC/IF, Rat)

Bassam AM, Eesa AN et al. Expression of E-Cadherin and P-Cadherin in Breast Carcinoma. Middle-East Journal of Scientific Research. 2015-01-01 (IHC-P, Human)



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### **Products Related to NBP1-85707**

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NBP1-85707PEP	P-Cadherin Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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