

# Product Datasheet

## P311 Antibody - BSA Free NBP1-84315

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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**NBP1-84315**

P311 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**

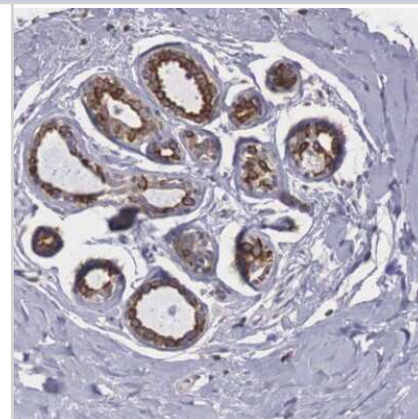
<b>Host</b>	Rabbit
<b>Gene ID</b>	9315
<b>Gene Symbol</b>	NREP
<b>Species</b>	Human
<b>Reactivity Notes</b>	Please note that mouse reactivity was reported in PMID 9270129, which used an older lot that is no longer available. Immunogen has 78% sequence identity with mouse but has not been tested in house.
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: YYPELFVWVSQEPFPNKDMEGRLPKGRLPVPKEVNRKKNDETNAASLTPLGS SEL

**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Please note that ICC/IF was reported in PMID 9270129, which used an older lot that is no longer available. Current lot is not validated for use in ICC/IF.

**Images**

Immunohistochemistry-Paraffin: P311 Antibody [NBP1-84315] - Staining of human breast shows strong cytoplasmic positivity in glandular cells.



## Publications

Zhou D, Liu T, Wang S et al. Effects of IL-1 $\beta$  and TNF- $\alpha$  on the Expression of P311 in Vascular Endothelial Cells and Wound Healing in Mice *Frontiers in Physiology* 2020-11-27 [PMID: 33329015] (Immunohistochemistry)

Wang S, Zhang X, Qian W et al. P311 Deficiency Leads to Attenuated Angiogenesis in Cutaneous Wound Healing. *Front Physiol* 2017-12-06 [PMID: 29270129] (IHC-P, Mouse)

Ek S, Andreasson U, Hober S et al. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies. *Mol Cell Proteomics* 2006-06-01 [PMID: 16524965]





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-84315**

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NBP1-84315PEP	P311 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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