

# Product Datasheet

## UCH-L1/PGP9.5 Antibody NB100-65827

Unit Size: 0.05 ml

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

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

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**NB100-65827**

UCH-L1/PGP9.5 Antibody

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Host	Rabbit
Gene ID	7345
Gene Symbol	UCHL1
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Feline, Guinea Pig, Hamster, Rabbit, Sheep
Marker	pan-Neuronal Marker
Specificity/Sensitivity	NB100-65827 specifically stains protein gene product 9.5 (PGP 9.5), a 27kDa ubiquitin-protein hydrolase, expressed in the cytoplasm of neurons and cells of the diffuse neuroendocrine system and related tumours.
Immunogen	Native, from brain

Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000 1:5000, Simple Western 1:200, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:200-1:800
Application Notes	Immunohistochemistry-Paraffin, Western Blot In WB detects a band of approximately 27kDa in rat brain cell lysates.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue.

**Publications**

Tekatas A, Tekatas D. D, et al. Small fiber neuropathy and related factors in patients with systemic lupus erythematosus; the results of cutaneous silent period and skin biopsy. Adv Rheumatol 2020-06-05 [PMID: 32503623] (IHC-P, Human)

Han J, Sachdev PS, Sidhu KS. A combined epigenetic and non-genetic approach for reprogramming human somatic cells PLoS One 2010-08-19 [PMID: 23140154]

Arnaoutakis GJ, George TJ, Wang KK et al. Serum levels of neuron-specific ubiquitin carboxyl-terminal esterase-L1 predict brain injury in a canine model of hypothermic circulatory arrest. J Thorac Cardiovasc Surg;142(4):902-910. 2011-10-01 [PMID: 21924148]





### **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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **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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