

# Product Datasheet

## **PACE4/PCSK6 Antibody** **NBP1-02307**

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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



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

### **Publications: 1**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-02307](http://www.novusbio.com/NBP1-02307)

Updated 10/23/2024 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/NBP1-02307](http://www.novusbio.com/reviews/destination/NBP1-02307)



**NBP1-02307****PACE4/PCSK6 Antibody**

| <b>Product Information</b> |  |
|----------------------------|--|
| <b>Unit Size</b>           | 0.1 mg   |
| <b>Concentration</b>       | 0.5 mg/ml  |
| <b>Storage</b>             | Store at -20C. 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>              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

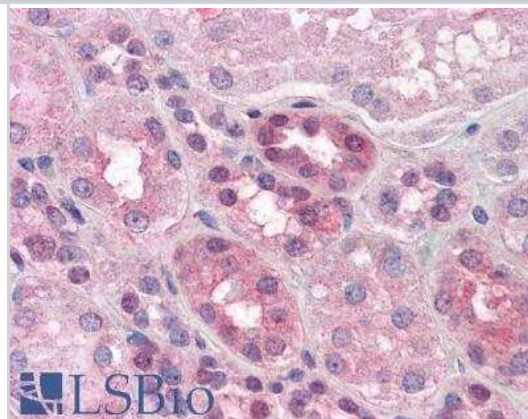
| <b>Product Description</b>     |  |
|--------------------------------|--|
| <b>Host</b>                    | Goat   |
| <b>Gene ID</b>                 | 5046   |
| <b>Gene Symbol</b>             | PCSK6  |
| <b>Species</b>                 | Human  |
| <b>Specificity/Sensitivity</b> | This antibody is expected to recognize reported isoforms a, b, g and h (NP_002561.1; NP_612192.1; NP_612193.1; NP_612194.1 resp.).   |
| <b>Immunogen</b>               | Peptide with sequence C-YHTFSAHQSRSR corresponding to internal region according to NP_002561.1, NP_612192.1, NP_612195.1, NP_612197.1, NP_612196.1, NP_612198.2, NP_612193.1, NP_612194.1. |

| <b>Product Application Details</b> |   |
|------------------------------------|---|
| <b>Applications</b>                | Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:32000  |
| <b>Application Notes</b>           | WB: Preliminary experiments gave an approx. 40-45 kDa band in human brain (cerebellum) lysates after 0.2 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 106 kDa band according to NP_002561.1. The 40-45 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human skeletal muscle shows striated staining in alternating fibres. |

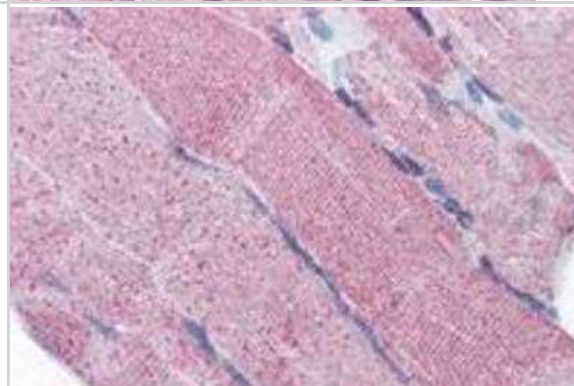


## Images

Immunohistochemistry-Paraffin: PACE4 Antibody [NBP1-02307] - Staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: PACE4 Antibody [NBP1-02307] - Staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Jin W, Wang X, Millar JS et al. Hepatic proprotein convertases modulate HDL metabolism Cell Metab 2007-08-01 [PMID: 17681148]



### **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 NBP1-02307**

|                    |  |
|--------------------|--|
| HAF017             | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109             | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg    | Goat IgG Isotype Control   |
| H00005046-Q01-10ug | Recombinant Human PACE4/PCSK6 GST (N-Term) Protein                     |

### **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/NBP1-02307](http://www.novusbio.com/reviews/submit/NBP1-02307)

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



