

# Product Datasheet

## V1b Vasopressin R/AVPR1B Antibody NBP1-20893

Unit Size: 0.1 mg

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

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

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**NBP1-20893****V1b Vasopressin R/AVPR1B Antibody**

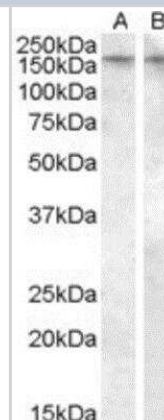
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 mg   |
| Concentration       | 0.5 mg/ml  |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.               |
| Clonality           | Polyclonal   |
| Preservative        | 0.02% Sodium Azide                                     |
| Isotype             | IgG  |
| Purity              | Immunogen affinity purified                            |
| Buffer              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| Product Description |  |
|---------------------|--|
| Host                | Goat   |
| Gene ID             | 553  |
| Gene Symbol         | AVPR1B   |
| Species             | Rat  |
| Immunogen           | Peptide with sequence C-KPAGSLKDLEQVD corresponding to internal region (near C-Terminus) according to Uniprot Mouse NP_036054.1. |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Peptide ELISA  |
| Recommended Dilutions       | Western Blot 0.05 - 0.2 ug/ml, Peptide ELISA Detection limit 1:32000   |
| Application Notes           | WB: Approx. 170 kDa band observed in rat brain lysates (calculated MW of 46.5 kDa band according to NP_036054.1). The observed molecular weight corresponds to findings with EB08785, a product of different design reacting to the C-terminus of the human protein. |

**Images**

Western Blot: V1b Vasopressin R/AVPR1B Antibody [NBP1-20893] - Analysis of AVPR1B (mouse) in Human Amygdala lysate (35ug protein in RIPA buffer) in lane A and EB08786 (005ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer) in lane B using this antibody at 0.5ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Dempster EL, Burcescu I, Wigg K et al. Evidence of an association between the vasopressin V1b receptor gene (AVPR1B) and childhood-onset mood disorders. Arch Gen Psychiatry 2007-10-01 [PMID: 17909131]



### **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

### **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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