

# Product Datasheet

## EHM2 Antibody NBP1-00181

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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**NBP1-00181**

EHM2 Antibody

**Product Information**

|                      |  |
|----------------------|--|
| <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 |

**Product Description**

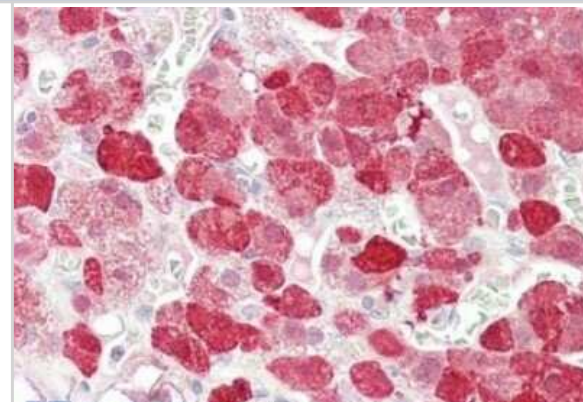
|                                |   |
|--------------------------------|---|
| <b>Host</b>                    | Goat  |
| <b>Gene ID</b>                 | 54566   |
| <b>Gene Symbol</b>             | EPB41L4B  |
| <b>Species</b>                 | Human   |
| <b>Specificity/Sensitivity</b> | This antibody is expected to recognise both reported isoforms (NP_060894.2; NP_061987.3).                       |
| <b>Immunogen</b>               | Peptide with sequence C-HNYQPQYHPNIHPSQ corresponding to internal region according to NP_060894.2, NP_061987.3. |

**Product Application Details**

|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA   |
| <b>Recommended Dilutions</b> | Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA<br>Detection limit 1:64000  |
| <b>Application Notes</b>     | WB: Preliminary experiments gave an approx. 48 kDa band in human brain (hippocampus, Cerebellar cortex, cerebellum) and human bone marrow lysates after 0.3 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 58.6 kDa band according to NP_060894.2. The 48 kDa band was successfully blocked by incubation with the immunizing peptide. |

**Images**

Immunohistochemistry-Paraffin: EHM2 Antibody [NBP1-00181] - (3.75ug/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Diakowski W, Grzybek M, Sikorski AF. Protein 4.1, a component of the erythrocyte membrane skeleton and its related homologue proteins forming the protein 4.1/FERM superfamily. *Folia Histochem Cytobiol* 2006-01-01 [PMID: 17219717]





### **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 NBP1-00181**

|                 |  |
|-----------------|--|
| 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   |
| NBP1-83988PEP   | EHM2 Recombinant Protein Antigen                                       |

### **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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