

# Product Datasheet

## Aminopeptidase A/ENPEP Antibody NB100-1885

Unit Size: 0.1 mg

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

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**NB100-1885****Aminopeptidase A/ENPEP 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>             | 2028  |
| <b>Gene Symbol</b>         | ENPEP   |
| <b>Species</b>             | Human, Rat  |
| <b>Reactivity Notes</b>    | Rat reactivity in WB reported in scientific literature (PMID: 28399178).                          |
| <b>Immunogen</b>           | Peptide with sequence C-EQYQKTSLAQEKEK corresponding to internal region according to NP_001968.3. |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA   |
| <b>Recommended Dilutions</b>       | Western Blot 1 - 3 ug/mL, Immunohistochemistry 3 - 5 ug/mL, Immunohistochemistry-Paraffin 3 - 5 ug/mL, Peptide ELISA Detection limit 1:64000   |
| <b>Application Notes</b>           | WB: Approx 170 kDa band observed in human brain and testis lysates (calculated MW of 109 kDa according to NP_001968.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (PMID: 11994381). IHC: Human kidney shows staining of basement membrane and the mesangium in the glomerulus. |

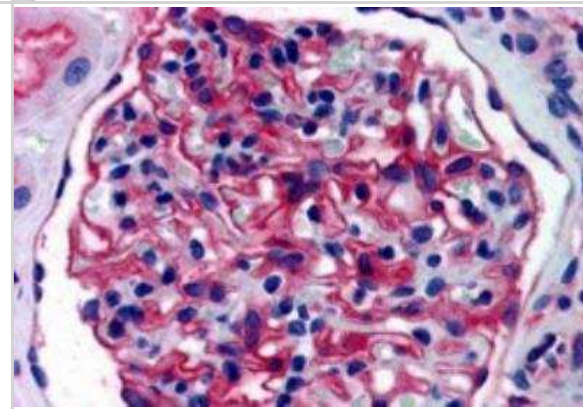


## Images

Western Blot: Aminopeptidase A/ENPEP Antibody [NB100-1885] - Staining of human testis lysate (RIPA buffer, 30 ug total protein). Antibody at 1 ug/mL. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

Immunohistochemistry-Paraffin: Aminopeptidase A/ENPEP Antibody [NB100-1885] - Staining of paraffin embedded Human Kidney. Antibody at 3.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Ando H, Nagasaka T, Nomura M et al. Premenstrual disappearance of aminopeptidase A in endometrial stromal cells around endometrial spiral arteries/arterioles during the decidual change. *J Clin Endocrinol Metab* 2002-05-01 [PMID: 11994381]



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### **Products Related to NB100-1885**

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|                 |  |
|-----------------|--|
| NB820-59177     | Human Brain Whole Tissue Lysate (Adult Whole Normal)                   |
| 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   |

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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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