

# Product Datasheet

## Hydrogen Potassium ATPase Beta Antibody (3Y1Y1) NBP3-15739-100ul

Unit Size: 100 ul

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

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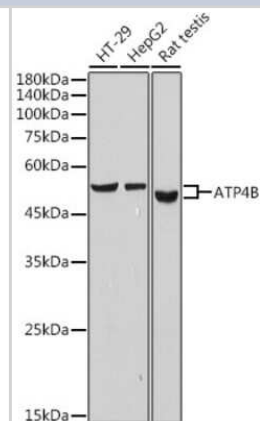
**NBP3-15739-100ul****Hydrogen Potassium ATPase Beta Antibody (3Y1Y1)**

| <b>Product Information</b>         |                                                                                                                                                                                                                                          |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 100 ul                                                                                                                                                                                                                                   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                              |
| <b>Storage</b>                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                 |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                                               |
| <b>Clone</b>                       | 3Y1Y1                                                                                                                                                                                                                                    |
| <b>Preservative</b>                | 0.02% Sodium Azide                                                                                                                                                                                                                       |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                      |
| <b>Purity</b>                      | Affinity purified                                                                                                                                                                                                                        |
| <b>Buffer</b>                      | PBS, 0.05% BSA, 50% glycerol, pH7.3                                                                                                                                                                                                      |
| <b>Product Description</b>         |                                                                                                                                                                                                                                          |
| <b>Host</b>                        | Rabbit                                                                                                                                                                                                                                   |
| <b>Gene ID</b>                     | 496                                                                                                                                                                                                                                      |
| <b>Gene Symbol</b>                 | ATP4B                                                                                                                                                                                                                                    |
| <b>Species</b>                     | Human, Mouse, Rat                                                                                                                                                                                                                        |
| <b>Immunogen</b>                   | A synthetic peptide corresponding to a sequence within amino acids 192-291 of human Hydrogen Potassium ATPase Beta (P51164).<br>SNGSAPRVDCAFLDQPRELGQPLQVKYYPPNGTFSLHYFPYYGKKAQPHYSN<br>PLVAAKLLNIPRNAEVAIVCKVMAEHVTFNNPHDPYEGKVEFKLKIEK |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                          |
| <b>Applications</b>                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                        |
| <b>Recommended Dilutions</b>       | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin                                                                                                                                            |

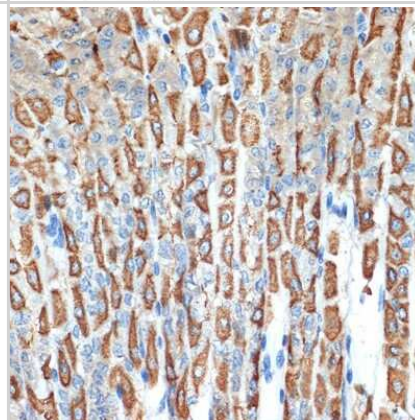


## Images

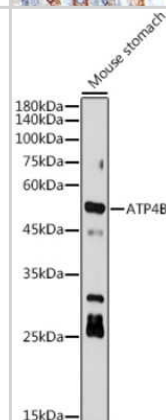
**Western Blot: Hydrogen Potassium ATPase Beta Antibody (3Y1Y1) [NBP3-15739]** - Western blot analysis of extracts of various cell lines, using Hydrogen Potassium ATPase Beta antibody (NBP3-15739) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



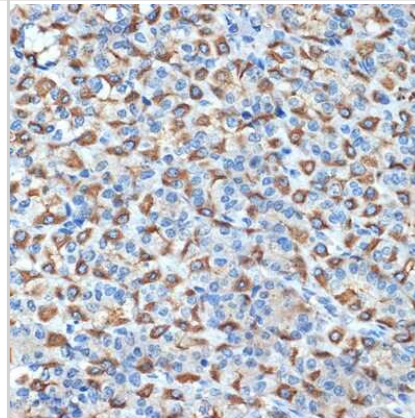
**Immunohistochemistry-Paraffin: Hydrogen Potassium ATPase Beta Antibody (3Y1Y1) [NBP3-15739]** - Immunohistochemistry of paraffin-embedded mouse stomach using Hydrogen Potassium ATPase Beta Rabbit mAb (NBP3-15739) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Western Blot: Hydrogen Potassium ATPase Beta Antibody (3Y1Y1) [NBP3-15739]** - Western blot analysis of extracts of Mouse stomach, using Hydrogen Potassium ATPase Beta antibody (NBP3-15739) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



**Immunohistochemistry-Paraffin: Hydrogen Potassium ATPase Beta Antibody (3Y1Y1) [NBP3-15739]** - Immunohistochemistry of paraffin-embedded rat stomach using Hydrogen Potassium ATPase Beta Rabbit mAb (NBP3-15739) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.





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### **Products Related to NBP3-15739-100ul**

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|               |                                                            |
|---------------|------------------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]              |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]        |
| NBP2-24891    | Rabbit IgG Isotype Control                                 |
| NBP2-32035PEP | Hydrogen Potassium ATPase Beta Recombinant Protein Antigen |

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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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