

# Product Datasheet

## PHD4/HIF Prolyl Hydroxylase 4 Antibody [Biotin] NB100-295B

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NB100-295B****PHD4/HIF Prolyl Hydroxylase 4 Antibody [Biotin]**

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark.   |
| <b>Clonality</b>                   | Polyclonal   |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG  |
| <b>Conjugate</b>                   | Biotin   |
| <b>Purity</b>                      | Immunogen affinity purified  |
| <b>Buffer</b>                      | PBS  |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Rabbit   |
| <b>Gene ID</b>                     | 54681  |
| <b>Gene Symbol</b>                 | P4HTM  |
| <b>Species</b>                     | Human, Rat, Mouse (Negative)   |
| <b>Reactivity Notes</b>            | Does not appear to work in Mouse. Rat reactivity reported in scientific literature (PMID: 17003483)  |
| <b>Immunogen</b>                   | The epitope recognized by this antibody maps to a region between residue 450 and the C-terminus (residue 502) of human PHD4/HIF Prolyl Hydroxylase 4 using the numbering given in entry NP_808808.1 (GeneID 54681).  |
| <b>Notes</b>                       | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Electron Microscopy, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry   |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Electron Microscopy   |
| <b>Application Notes</b>           | <p>This PHD4/HIF Prolyl Hydroxylase 4 antibody is useful for Western Blot where a band is seen at ~50 kDa. Use in Immunocytochemistry/immunofluorescence, Immunohistochemistry-Paraffin and Electron Microscopy reported in scientific literature (PMID 17003483)</p> <p>The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.</p> |



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**Products Related to NB100-295B**

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|                    |  |
|--------------------|--|
| NBP2-29370         | Streptavidin Native Protein  |
| NBP2-24891B        | Rabbit IgG Isotype Control [Biotin]                                  |
| H00054681-P01-10ug | Recombinant Human PHD4/HIF Prolyl Hydroxylase 4 GST (N-Term) Protein |
| MEP00B             | Erythropoietin/EPO [HRP]   |

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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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