Product Datasheet

HIP1 Antibody (4B10)
NB300-203

Unit Size: 0.1 ml
Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

Publications: 9
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-203

Updated 8/8/2023 v.20.1
**NB300-203**  
HIP1 Antibody (4B10)

### Product Information

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>0.1 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Concentration</strong></td>
<td>This product is unpurified. The exact concentration of antibody is not quantifiable.</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td><strong>Clonality</strong></td>
<td>Monoclonal</td>
</tr>
<tr>
<td><strong>Clone</strong></td>
<td>4B10</td>
</tr>
<tr>
<td><strong>Preservative</strong></td>
<td>0.1% Sodium Azide</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
<td>IgG1 Kappa</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>Unpurified</td>
</tr>
<tr>
<td><strong>Buffer</strong></td>
<td>Ascites</td>
</tr>
<tr>
<td><strong>Target Molecular Weight</strong></td>
<td>115 kDa</td>
</tr>
</tbody>
</table>

### Product Description

| **Host** | Mouse |
| **Gene ID** | 3092 |
| **Gene Symbol** | HIP1 |
| **Species** | Human, Mouse, Rat (Negative) |
| **Reactivity Notes** | Human and Mouse. Does not react with rat. |
| **Immunogen** | Human 3’-HIP1 (~65 kDa) |

### Product Application Details

| **Applications** | Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP) |
| **Recommended Dilutions** | Western Blot 1:10000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP) |
| **Application Notes** | This HIP1 antibody is useful for Western blot, where a band at approximately 115 kDa is seen. Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation and Immunoprecipitation were reported in scientific literature. 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. |
**Images**

Western Blot: HIP1 Antibody (4B10) [NB300-203] - Western Blot on HeLa whole cell extracts.

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**Publications**


Rao, DS et al. Huntingtin-interacting protein 1 is overexpressed in prostate and colon cancer and is critical for cellular survival. J Clin Invest;110(3):351-60. 2002-08-01 [PMID: 12163454]


Western Blot protocol for HIP1 Antibody (NB300-203)
HIP1 Antibody (4B10): https://www.novusbio.com/products/hip1-antibody-4b10_nb300-203

Western Blot Procedure

1. Run 25 ug/lane of protein (ie: HeLa whole cell extract) on a 10% SDS-PAGE gel.
2. Transfer the proteins to nitrocellulose.
3. Block the membrane with a standard blocking buffer (5% NFDM in TBST), overnight at 4 deg C.
4. Dilute the anti-HIP1 in 1% NFDM in TBST and incubate for 1 hour at RT.
5. Wash the membrane, 3x 5-10 minutes.
6. Dilute the secondary antibody [anti-mouse IgG conjugated to HRP] in 1% NFDM in TBST and incubate for 1 hour at RT.
7. Wash the membrane, 3x 5-10 minutes.
8. Detect the protein-antibody complex via ECL.
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB300-203

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

Products Related to NB300-203

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>NB800-PC1</td>
<td>HeLa Whole Cell Lysate</td>
</tr>
<tr>
<td>HAF007</td>
<td>Goat anti-Mouse IgG Secondary Antibody [HRP]</td>
</tr>
<tr>
<td>NB720-B</td>
<td>Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]</td>
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<tr>
<td>NBP1-43319-0.5mg</td>
<td>Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)</td>
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