Product Datasheet

HAP1 Antibody (1B6)
NB110-74569

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Reviews: 1  Publications: 7

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**NB110-74569**

**HAP1 Antibody (1B6)**

### Product Information

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit Size</strong></td>
<td>0.1 ml</td>
</tr>
<tr>
<td><strong>Concentration</strong></td>
<td>1 mg/ml</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td><strong>Clonality</strong></td>
<td>Monoclonal</td>
</tr>
<tr>
<td><strong>Clone</strong></td>
<td>1B6</td>
</tr>
<tr>
<td><strong>Preservative</strong></td>
<td>0.05% Sodium Azide</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
<td>IgG1</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>Protein G purified</td>
</tr>
<tr>
<td><strong>Buffer</strong></td>
<td>PBS and 50% Glycerol</td>
</tr>
</tbody>
</table>

### Product Description

**Host**  
Mouse

**Gene ID**  
9001

**Gene Symbol**  
HAP1

**Species**  
Human, Mouse, Rat

**Reactivity Notes**  
Human, mouse and rat.

**Specificity/Sensitivity**  
This is specific for isoforms A and B.

### Product Application Details

**Applications**  
Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation

**Recommended Dilutions**  
Western Blot 0.5-1.0 ug/ml, Flow Cytometry 1 ug per million cells, Immunohistochemistry 0.5-1.0 ug/ml, Immunocytochemistry/Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 0.5-1.0 ug/ml, Immunohistochemistry-Frozen 0.5-1.0 ug/ml

**Application Notes**  
This HAP1 antibody is useful for Immunohistochemistry frozen and paraffin embedded sections, Western blot, Flow Cytometry and Immunoprecipitation. In Western blot bands can be seen ~95 kDa for isoform A and ~110 kDa for isoform B. Immunocytochemistry/Immunofluorescence was reported in scientific literature.
Western Blot: HAP1 Antibody (1B6) [NB110-74569] - Analysis of HAP1 using Lane 1: mouse brain lysate and Lane 2: human brain lysate.

Immunohistochemistry: HAP1 Antibody (1B6) [NB110-74569] - Staining of rat hypothalamus.

Flow Cytometry: HAP1 Antibody (1B6) [NB110-74569] - Intracellular flow cytometric staining of 1 x 10^6 MCF-7 cells using HAP1 antibody (dark blue). Isotype control shown in orange. An antibody concentration of 1 ug/1x10^6 cells was used.

Western Blot: HAP1 Antibody (1B6) [NB110-74569] - Detection of HAP1 in mouse brain lysate.
**Publications**

| Author(s) | Title | Journal | Date | PMID | Species
|-----------|-------|---------|------|------|---------|
| Corradini E, Burgers PP, Plank M et al. | Huntingtin associated protein (HAP1) is a cGMP-dependent kinase anchoring protein (GKAP), specific for the cGMP-dependent protein kinase Ib isoform | J. Biol. Chem. | Feb 04 2015 | 25653285 | (WB, Human)
| Gutekunst, C et al. | Stigmoid bodies contain type I receptor proteins SorLA/LR11 and sortilin: new perspectives on their function | J Histochem Cytochem | Jun 2003 | 12754295 | (WB, ICC/IF, Mouse, Rat)
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

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