

# Product Datasheet

## Histone Deacetylase 8/HDAC8 Antibody (1O2Y5) NBP3-16713-100ul

Unit Size: 100 ul

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

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**NBP3-16713-100ul****Histone Deacetylase 8/HDAC8 Antibody (1O2Y5)**

| <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>                   | 1O2Y5   |
| <b>Preservative</b>            | 0.02% Sodium Azide  |
| <b>Isotype</b>                 | IgG   |
| <b>Purity</b>                  | Affinity purified   |
| <b>Buffer</b>                  | PBS (pH 7.3), 50% glycerol, 0.05% BSA   |
| <b>Target Molecular Weight</b> | 42 kDa  |

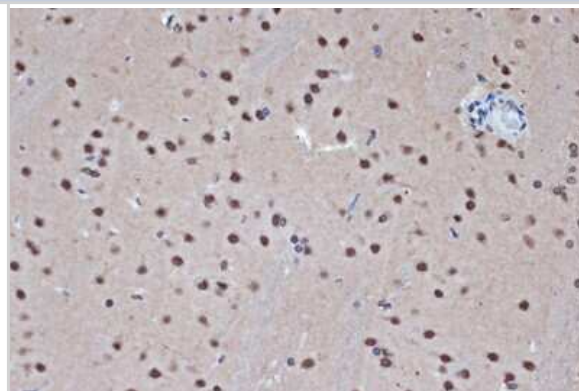
| <b>Product Description</b> |  |
|----------------------------|--|
| <b>Description</b>         | Novus Biologicals Knockout (KO) Validated Rabbit Histone Deacetylase 8/HDAC8 Antibody (1O2Y5) (NBP3-16713) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit   |
| <b>Gene ID</b>             | 55869  |
| <b>Gene Symbol</b>         | HDAC8  |
| <b>Species</b>             | Human, Mouse, Rat  |
| <b>Immunogen</b>           | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Histone Deacetylase 8/HDAC8 (Q9BY41).<br>MEEPEEPADSGQSLVPVYIYSPEYVSMCDLAKIPKRASMVHSLIEAYALHKQM<br>RIVKPKVASMEEMATFHTDAYLQHLQKVSQEGDDDDHPDSIEYGLGY                              |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation   |
| <b>Recommended Dilutions</b>       | ELISA Recommended starting concentration is 1 µg/mL. , Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:100 - 1:1000 |

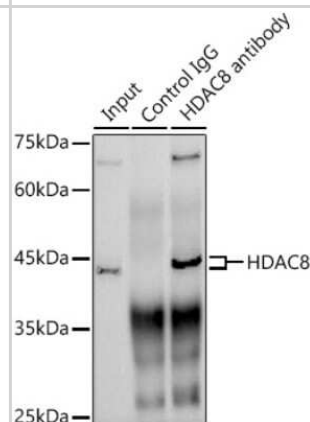


## Images

**Immunohistochemistry-Paraffin:** Histone Deacetylase 8/HDAC8 Antibody (1O2Y5) [NBP3-16713] - Rat brain using Histone Deacetylase 8/HDAC8 Rabbit mAb (NBP3-16713) 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.



**Immunoprecipitation:** Histone Deacetylase 8/HDAC8 Antibody (1O2Y5) [NBP3-16713] - Analysis of 300ug extracts of HeLa cells using 3ug Histone Deacetylase 8/HDAC8 antibody (NBP3-16713). Western blot was performed from the immunoprecipitate using Histone Deacetylase 8/HDAC8 antibody (NBP3-16713) at a dilution of 1:1000.



**Immunocytochemistry/ Immunofluorescence:** Histone Deacetylase 8/HDAC8 Antibody (1O2Y5) [NBP3-16713] - Confocal imaging of HeLa cells using [KO Validated] Histone Deacetylase 8/HDAC8 Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.





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### **Products Related to NBP3-16713-100ul**

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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                                |
| NBP1-78828-50ug | Recombinant Human Histone Deacetylase 8/HDAC8 His Protein |

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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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