

# Product Datasheet

## Hexosaminidase A/HEXA Antibody - BSA Free NBP1-74127

Unit Size: 100 ul

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

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**NBP1-74127**

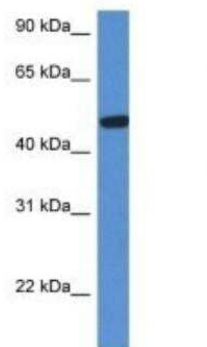
Hexosaminidase A/HEXA Antibody - BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ul  |
| Concentration               | 0.5 mg/ml   |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| Clonality                   | Polyclonal  |
| Preservative                | 0.09% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Affinity purified   |
| Buffer                      | PBS, 2% Sucrose   |
| Target Molecular Weight     | 48 kDa  |
| Product Description         |   |
| Description                 | The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution. |
| Host                        | Rabbit  |
| Gene ID                     | 3073  |
| Gene Symbol                 | HEXA  |
| Species                     | Human, Rat  |
| Reactivity Notes            | Rat reactivity reported in scientific literature (PMID: 27466344).  |
| Specificity/Sensitivity     | This product is specific to Subunit or Isoform: alpha.  |
| Immunogen                   | Synthetic peptides corresponding to the C terminal of HEXA. Immunizing peptide sequence:<br>WKDFYIVEPLAFEGTPEQKALVIGGEACMWGEYVDNTNLVPRLWPRAGAV.<br>The peptide sequence for this immunogen was taken from within the described region.      |
| Product Application Details |   |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 2-5 ug/ml   |
| Application Notes           | Use in ICC/IF reported in scientific literature (PMID 27466344).  |

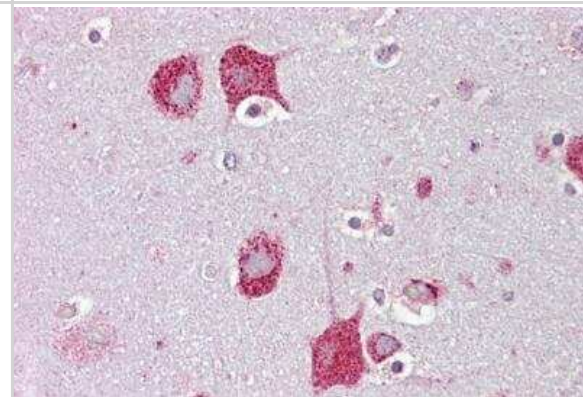


## Images

Western Blot: Hexosaminidase A/HEXA Antibody [NBP1-74127] -  
Titration: 1 ug/ml Positive Control: Fetal kidney lysate.



Immunohistochemistry-Paraffin: Hexosaminidase A/HEXA Antibody [NBP1-74127] - Human Brain, cortex tissue at an antibody concentration of 5ug/ml.



## Publications

Demais V, Barthelemy A, Perraut M et al. Reversal of Pathologic Lipid Accumulation in NPC1-Deficient Neurons by Drug-Promoted Release of LAMP1-Coated Lamellar Inclusions. J. Neurosci. 2016-07-27 [PMID: 27466344] (ICC/IF, Rat)



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### **Products Related to NBP1-74127**

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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                          |
| NBP3-21239PEP | Hexosaminidase A/HEXA 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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