

# Product Datasheet

## DNASE1 Antibody - BSA Free

### NBP1-84999

Unit Size: 0.1 ml

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

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**NBP1-84999**

DNASE1 Antibody - BSA Free

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal   |
| <b>Preservative</b>  | 0.02% Sodium Azide   |
| <b>Isotype</b>       | IgG  |
| <b>Purity</b>        | Immunogen affinity purified  |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol  |

**Product Description**

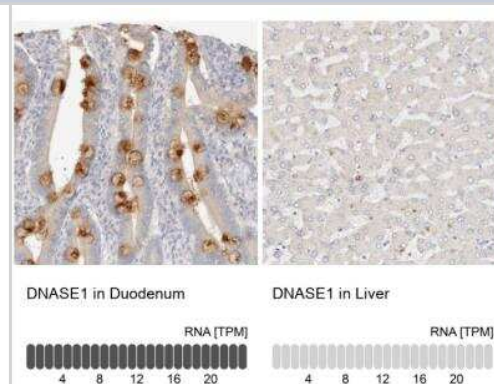
|                         |  |
|-------------------------|--|
| <b>Host</b>             | Rabbit   |
| <b>Gene ID</b>          | 1773   |
| <b>Gene Symbol</b>      | DNASE1   |
| <b>Species</b>          | Human  |
| <b>Reactivity Notes</b> | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%).  |
| <b>Immunogen</b>        | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>YVRPSQWSSIRLWTSPTFQWLIPDSADTTATPTHCA YDRIVVAGMLLRGAVVP<br>DSALPFNFQAAYGLSDQLAQAI SDHY |

**Product Application Details**

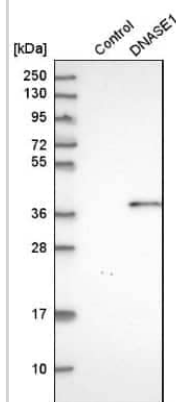
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.  |

**Images**

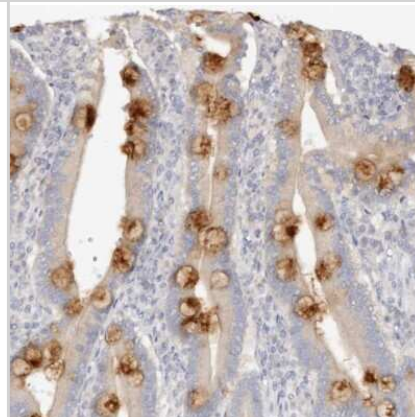
Immunohistochemistry-Paraffin: DNASE1 Antibody [NBP1-84999] - Analysis in human duodenum and liver tissues using Anti-DNASE1 antibody. Corresponding DNASE1 RNA-seq data are presented for the same tissues.



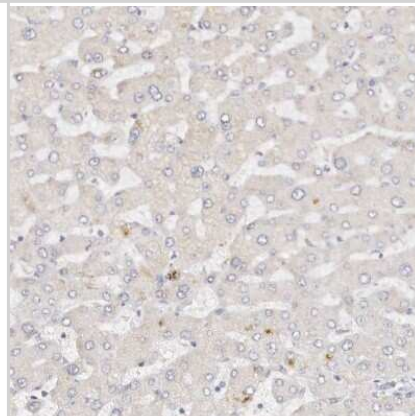
Western Blot: DNASE1 Antibody [NBP1-84999] - Analysis in control (vector only transfected HEK293T lysate) and DNASE1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



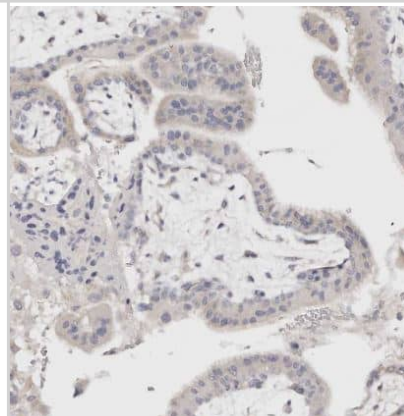
Immunohistochemistry-Paraffin: DNASE1 Antibody [NBP1-84999] - Staining of human duodenum shows high expression.



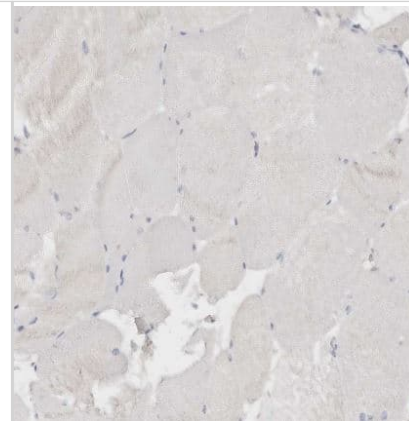
Immunohistochemistry-Paraffin: DNASE1 Antibody [NBP1-84999] - Staining of human liver shows low expression as expected.



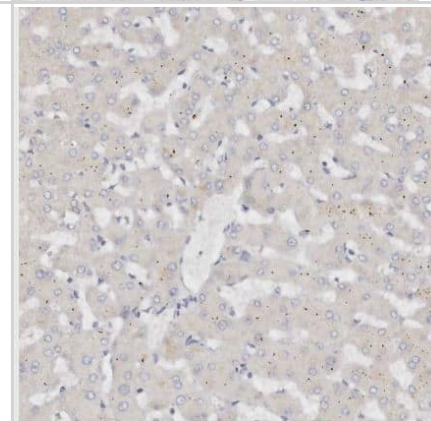
Immunohistochemistry-Paraffin: DNASE1 Antibody [NBP1-84999] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



Immunohistochemistry-Paraffin: DNASE1 Antibody [NBP1-84999] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: DNASE1 Antibody [NBP1-84999] - Staining of human liver shows no positivity in hepatocytes as expected.



## Publications

Sonawane S, Khanolkar V, Namavari A et al. Ocular Surface Extracellular DNA and Nuclease Activity Imbalance: A New Paradigm for Inflammation in Dry Eye Disease. Invest Ophthalmol Vis Sci 2012-12-17 [PMID: 23169882]



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### **Products Related to NBP1-84999**

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|               |   |
|---------------|---|
| NBP1-84999PEP | DNASE1 Recombinant Protein Antigen                  |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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