

# Product Datasheet

## Calpain 9 Antibody - BSA Free

### NBP2-48545

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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**NBP2-48545**

Calpain 9 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**

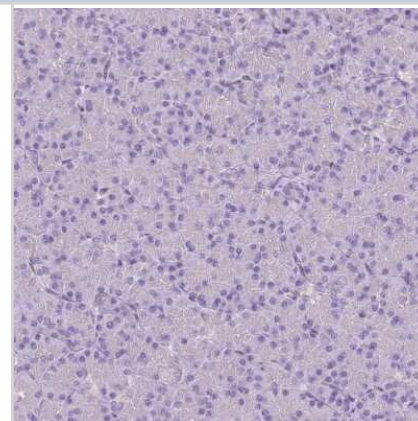
|                         |  |
|-------------------------|--|
| <b>Description</b>      | Novus Biologicals Rabbit Calpain 9 Antibody - BSA Free (NBP2-48545) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.           |
| <b>Host</b>             | Rabbit   |
| <b>Gene ID</b>          | 10753  |
| <b>Gene Symbol</b>      | CAPN9  |
| <b>Species</b>          | Human  |
| <b>Reactivity Notes</b> | Mouse (82%), Rat (80%).  |
| <b>Immunogen</b>        | This antibody was developed against a recombinant protein corresponding to amino acids:<br>PGEYILIPSTFEPHQEADFCLRIFSEKKAITRDMDGNVDIDLPEPPKPTPPDQET<br>EEEQRFRALFEQVAGEDMEVTAEELYYVLNAVQLQKKKDIKFKKLS |

**Product Application Details**

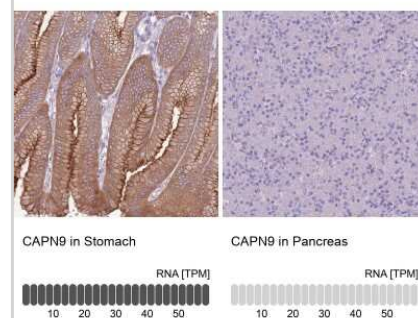
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Immunohistochemistry-Paraffin, Immunohistochemistry                               |
| <b>Recommended Dilutions</b> | Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                             |

**Images**

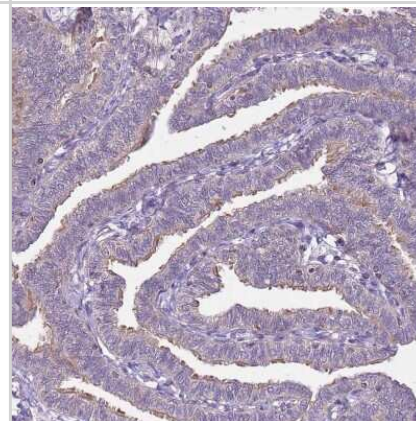
Immunohistochemistry-Paraffin: Calpain 9 Antibody [NBP2-48545] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



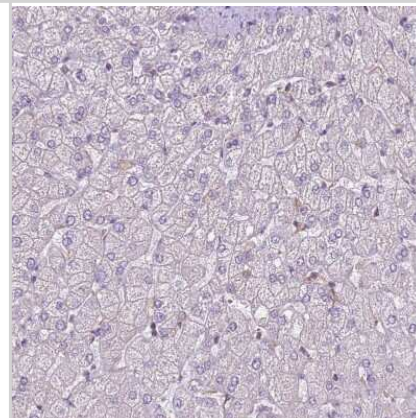
Immunohistochemistry-Paraffin: Calpain 9 Antibody [NBP2-48545] - Analysis in human stomach and pancreas tissues. Corresponding CAPN9 RNA-seq data are presented for the same tissues.



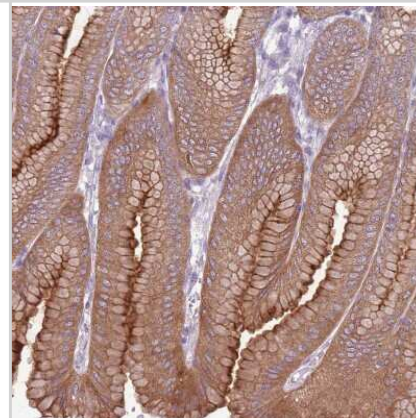
Immunohistochemistry-Paraffin: Calpain 9 Antibody [NBP2-48545] - Staining of human fallopian tube shows weak cytoplasmic positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: Calpain 9 Antibody [NBP2-48545] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Calpain 9 Antibody [NBP2-48545] - Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.





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### **Products Related to NBP2-48545**

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|               |   |
|---------------|---|
| NBP2-48545PEP | Calpain 9 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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