

# 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

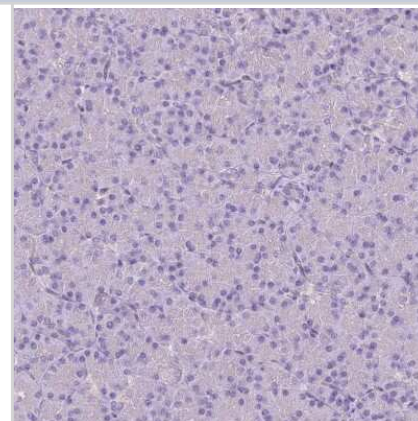
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	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.
Host	Rabbit
Gene ID	10753
Gene Symbol	CAPN9
Species	Human
Reactivity Notes	Mouse (82%), Rat (80%).
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: PGEYILIPSTFEPHQEADFCLRIFSEKKAITRDMDGNVDIDLPEPPKPTPPDQET EEEQRFRALFEQVAGEDMEVTAEELVYVLAFLQKKKDIKFKKLS

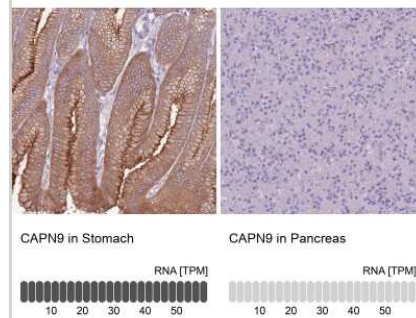
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

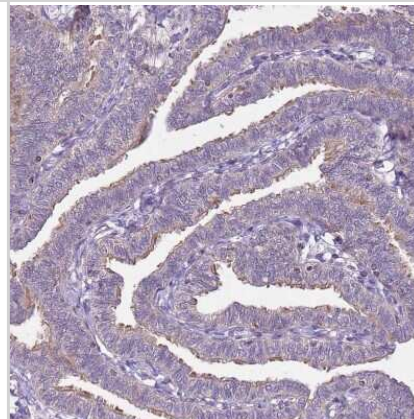
Immunohistochemistry-Paraffin: Calpain 9 Antibody [NBP2-48545] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



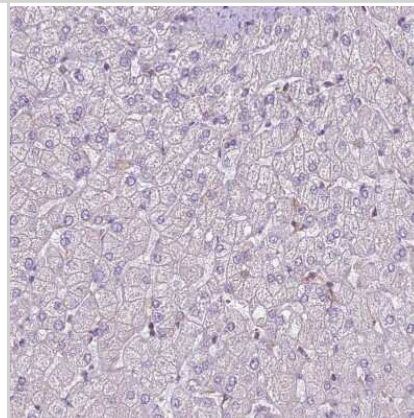
Immunohistochemistry-Paraffin: Calpain 9 Antibody [NBP2-48545] - Analysis in human stomach and pancreas tissues. Corresponding CAPN9 RNA-seq data are presented for the same tissues.



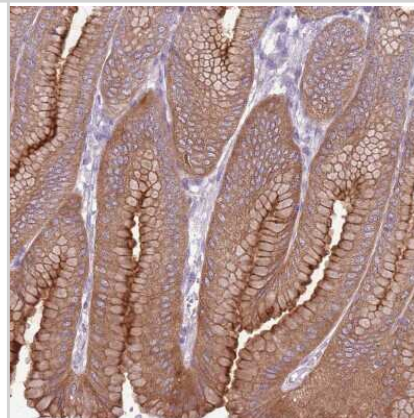
Immunohistochemistry-Paraffin: Calpain 9 Antibody [NBP2-48545] - Staining of human fallopian tube shows weak cytoplasmic positivity in glandular cells as expected.



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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