

# Product Datasheet

## Carboxypeptidase M Antibody - BSA Free NBP1-87403

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 12/2/2025 v.20.1

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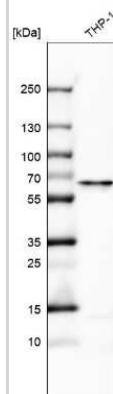


**NBP1-87403****Carboxypeptidase M Antibody - BSA Free**

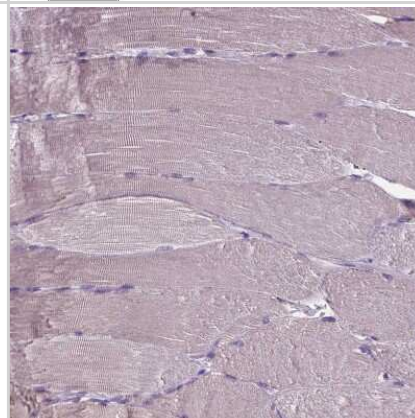
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Carboxypeptidase M Antibody - BSA Free (NBP1-87403) is a polyclonal antibody validated for use in IHC and WB. Anti-Carboxypeptidase M Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1368
<b>Gene Symbol</b>	CPM
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%). Use in Mouse reported in scientific literature (PMID:31401267).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LKTVAQNYSSVTHLHLSIGKSVKGRNLWVLVVGFRFPKEHRIGIPEFKYVANMHG DETVGRELLLHLIDYLVTS DGKDPEITNLINSTRIHIMPSMNPDGFEAVKKPDCY YSIGREYNQYDLNRNFPDAFEYNNVS
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated Reactivity reported in (PMID: 31401267)
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

## Images

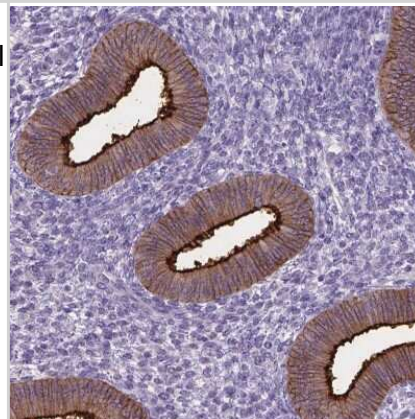
Western Blot: Carboxypeptidase M Antibody [NBP1-87403] - Analysis in human cell line THP-1.



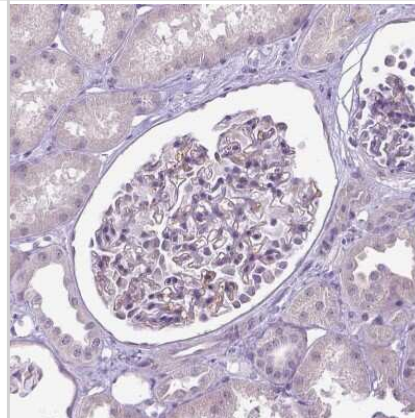
Immunohistochemistry-Paraffin: Carboxypeptidase M Antibody [NBP1-87403] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



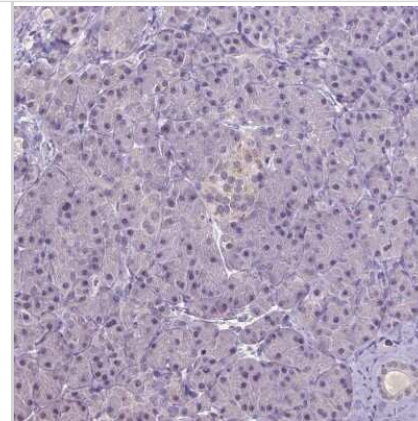
Immunohistochemistry-Paraffin: Carboxypeptidase M Antibody [NBP1-87403] - Staining of human endometrium shows strong positivity in apical membrane in glandular cells.



Immunohistochemistry-Paraffin: Carboxypeptidase M Antibody [NBP1-87403] - Staining of human kidney shows weak membranous/ secretion positivity in cells in glomeruli.



Immunohistochemistry-Paraffin: Carboxypeptidase M Antibody [NBP1-87403] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



## Publications

Zheng JM, Zhou HX, Yu HY Et al. By Increasing the Expression and Activation of STAT3, Sustained C5a Stimulation Increases the Proliferation, Migration, and Invasion of RCC Cells and Promotes the Growth of Transgrafted Tumors Cancer management and research 2021-10-04 [PMID: 34675657] (WB, Human)

Sorensen-Zender I, Chen R, Song R et al. Binding to carboxypeptidase M mediates protective effects of fibrinopeptide B beta(15-42) Translational Research 2019-07-01 [PMID: 31401267] (WB, KD, Mouse)



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### **Products Related to NBP1-87403**

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NBP1-87403PEP	Carboxypeptidase M Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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