

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.

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NBP1-87403

Carboxypeptidase M Antibody - BSA Free

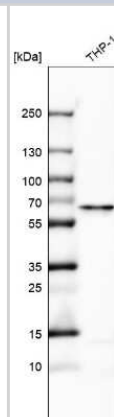
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	1368
Gene Symbol	CPM
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%). Use in Mouse reported in scientific literature (PMID:31401267).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LKTVAQNYSSVTHLHSIGKSVKGRNLWVLVVGFRFPKEHRIGIPEFKYVANMHG DETVGRELLHLIDYLVTS DGKDPEITNLINSTRIHIMPSMNPDGFEAVKKPDCY YSIGRENYNQYDLNRNFPDAFEYNNVS

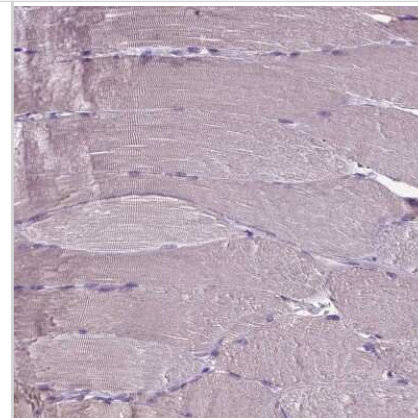
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated Reactivity reported in (PMID: 31401267)
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

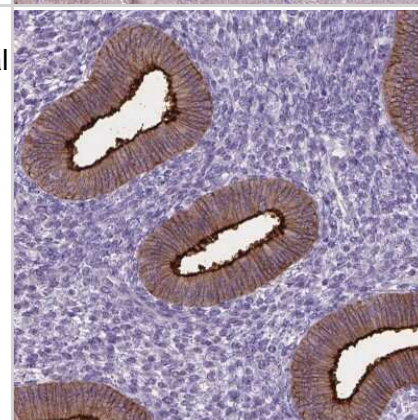
Western Blot: Carboxypeptidase M Antibody [NBP1-87403] - Analysis in human cell line THP-1.



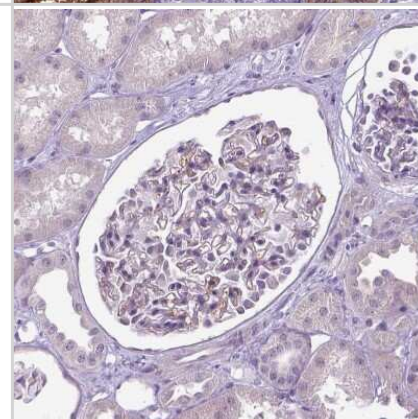
Immunohistochemistry-Paraffin: Carboxypeptidase M Antibody [NBP1-87403] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



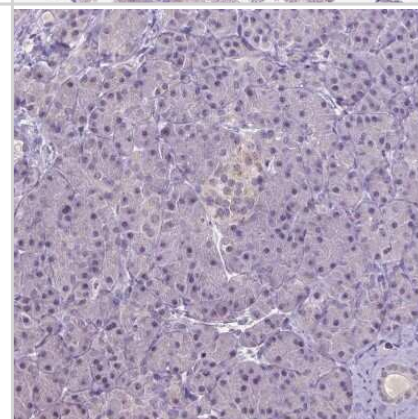
Immunohistochemistry-Paraffin: Carboxypeptidase M Antibody [NBP1-87403] - Staining of human endometrium shows strong positivity in apical membrane in glandular cells.



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

NBP1-87403PEP	Carboxypeptidase M 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

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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