

# Product Datasheet

## TRPM4 Antibody (CL11214) - BSA Free NBP3-07990-100ul

Unit Size: 100 ul

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

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**NBP3-07990-100ul**

TRPM4 Antibody (CL11214) - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<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>	Monoclonal
<b>Clone</b>	CL11214
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, pH 7.2, containing 40% glycerol

**Product Description**

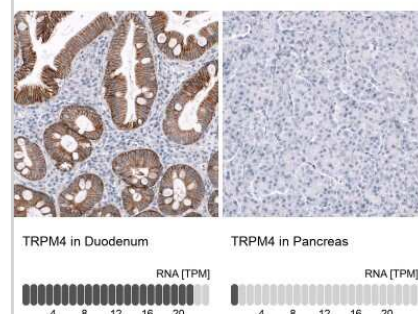
<b>Host</b>	Mouse
<b>Gene ID</b>	54795
<b>Gene Symbol</b>	TRPM4
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from Q8TD43, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

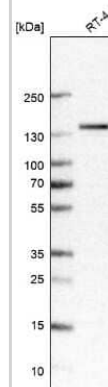
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

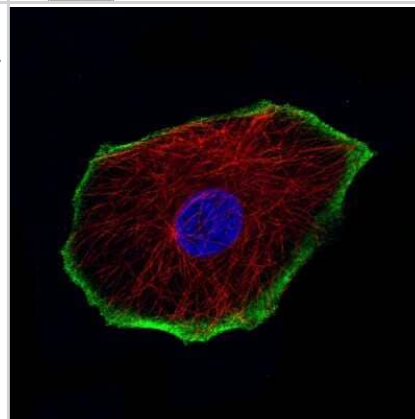
Immunohistochemistry-Paraffin: TRPM4 Antibody (CL11214) [NBP3-07990] - Analysis in human duodenum and pancreas tissues using NBP3-07990 antibody. Corresponding TRPM4 RNA-seq data are presented for the same tissues.



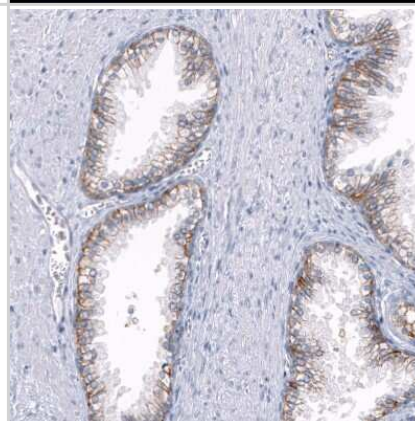
Western Blot: TRPM4 Antibody (CL11214) [NBP3-07990] - Analysis in human cell line RT-4.



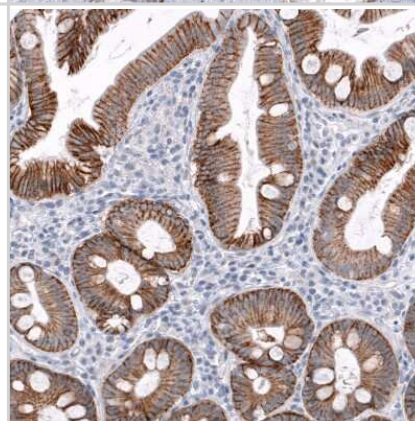
Immunocytochemistry/Immunofluorescence: TRPM4 Antibody (CL11214) [NBP3-07990] - Staining of MCF7 cells using the Anti-TRPM4 monoclonal antibody, showing specific staining in the plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



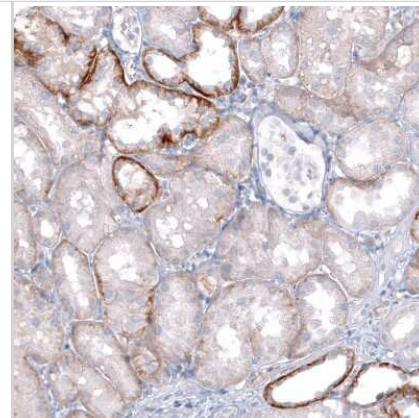
Immunohistochemistry-Paraffin: TRPM4 Antibody (CL11214) [NBP3-07990] - Staining of human prostate shows moderate membranous positivity in glandular cells.



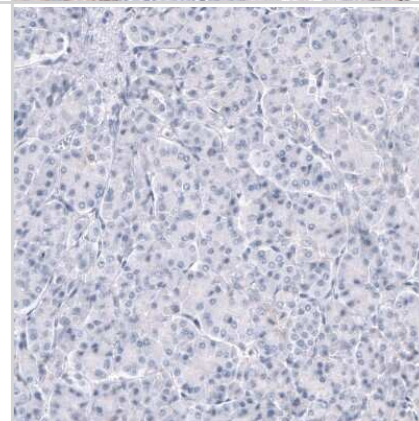
Immunohistochemistry-Paraffin: TRPM4 Antibody (CL11214) [NBP3-07990] - Staining of human duodenum shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: TRPM4 Antibody (CL11214) [NBP3-07990] - Staining of human kidney shows moderate to strong membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: TRPM4 Antibody (CL11214) [NBP3-07990] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.





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### **Products Related to NBP3-07990-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-13487PEP	TRPM4 Recombinant Protein Antigen

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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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