

# Product Datasheet

## TRPM7 Antibody - BSA Free

### NBP2-58525

Unit Size: 100 ul

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

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**NBP2-58525**

TRPM7 Antibody - 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>	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

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	54822
<b>Gene Symbol</b>	TRPM7
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: SQPSCKSHLETGTKDQETVCSKATEGDNTEFGAFVGHRDSMDLQRFKETSNI KILSNNNTSENTLKRVSLLAGFTDCHRTSIPVHSKQAEKISRPPSTEDTHEVDSK AALIPDWLQDRPSNREMPSEEGTLNGLTSPFKPAM

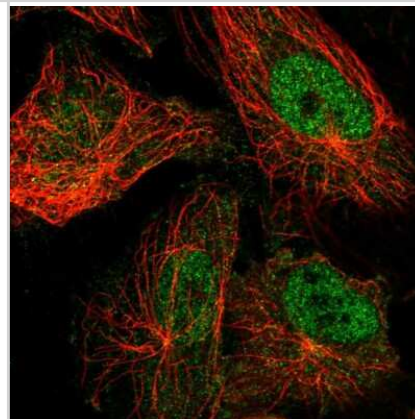
**Product Application Details**

<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. IHC-P, Retrieval method: HIER pH6.

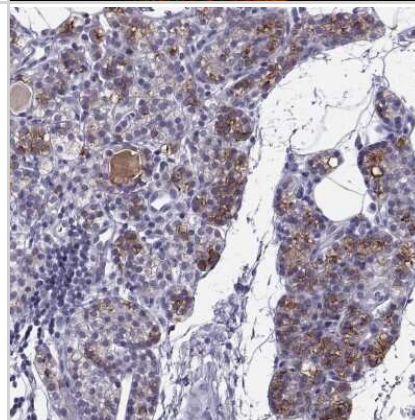


## Images

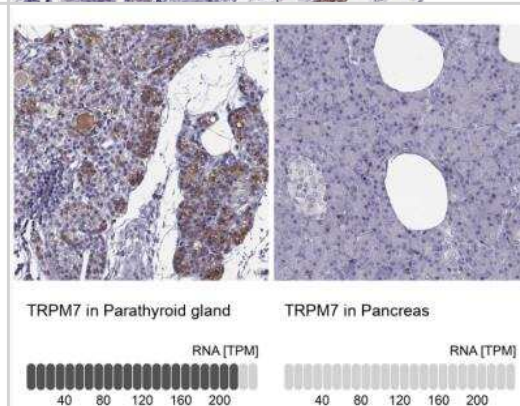
Immunocytochemistry/Immunofluorescence: TRPM7 Antibody [NBP2-58525] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



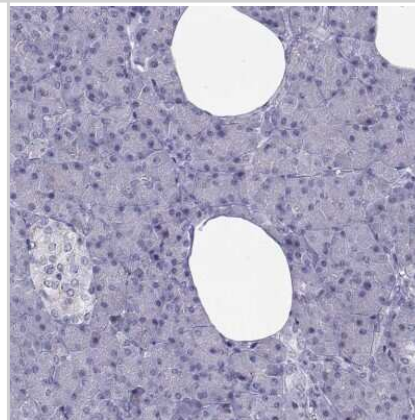
Immunohistochemistry-Paraffin: TRPM7 Antibody [NBP2-58525] - Staining of human parathyroid gland shows high expression.



Immunohistochemistry-Paraffin: TRPM7 Antibody [NBP2-58525] - Analysis in human parathyroid gland and pancreas tissues using Anti-TRPM7 antibody. Corresponding TRPM7 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: TRPM7 Antibody [NBP2-58525] - Staining of human pancreas shows low expression as expected.





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### **Products Related to NBP2-58525**

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NBP2-58525PEP	TRPM7 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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