

Product Datasheet

PITRM1 Antibody - BSA Free NBP1-81729

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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NBP1-81729

PITRM1 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

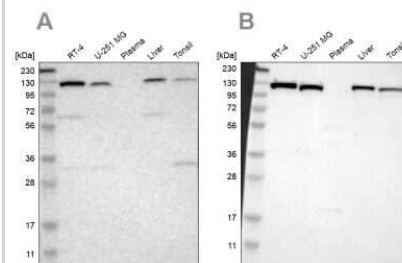
Host	Rabbit
Gene ID	10531
Gene Symbol	PITRM1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (83%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ELRSQQSKPQDASCLPALKVSDIEPTIPVTELDVVLTAGDIPVQYCAQPTNGMV YFRAFSSLNTLPEELRPYVPLFCSVLTKLGCGLLDYREQAQQIELKTGGMSASP HVLPPDDSHMDTYEQGVLFSSLCLDRNLPDMMQLWSEI

Product Application Details

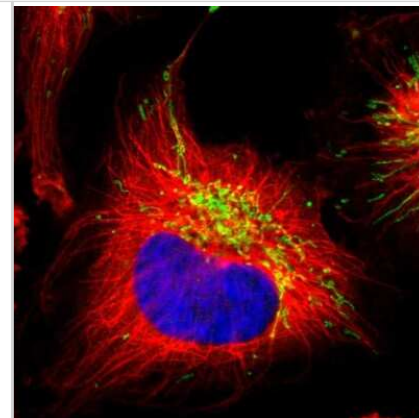
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

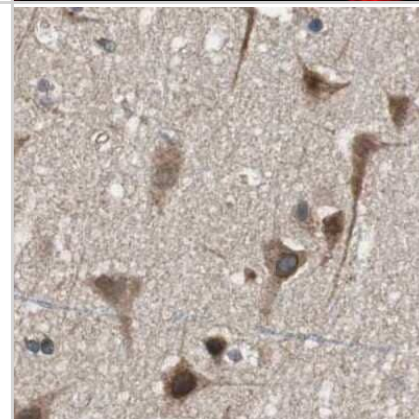
Western Blot: PITRM1 Antibody [NBP1-81729] - Analysis using Anti-PITRM1 antibody NBP1-81729 (A) shows similar pattern to independent antibody NBP1-81728 (B).



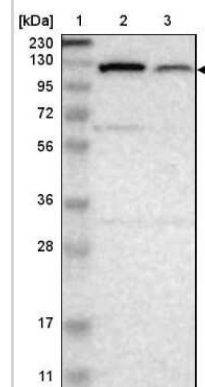
Immunocytochemistry/Immunofluorescence: PITRM1 Antibody [NBP1-81729] - Staining of human cell line U-251 MG shows localization to mitochondria.



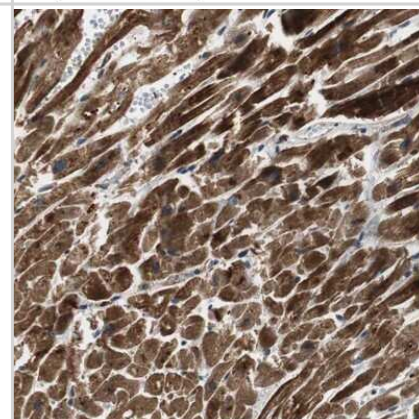
Immunohistochemistry-Paraffin: PITRM1 Antibody [NBP1-81729] - Staining of human cerebral cortex.



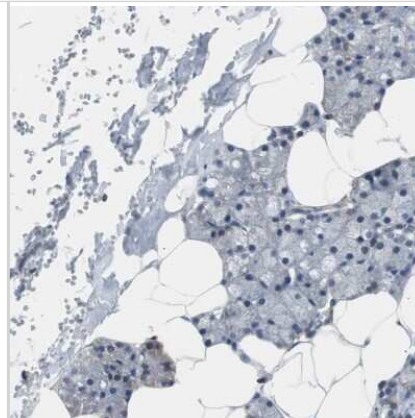
Western Blot: PITRM1 Antibody [NBP1-81729] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



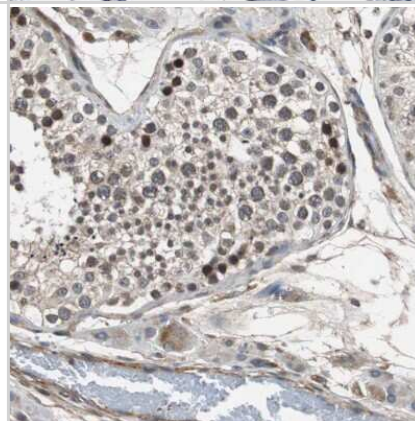
Immunohistochemistry-Paraffin: PITRM1 Antibody [NBP1-81729] - Staining of human heart muscle shows strong cytoplasmic positivity in myocytes.



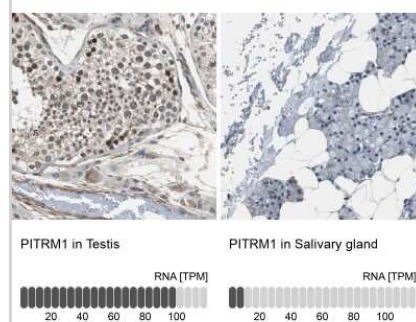
Immunohistochemistry-Paraffin: PITRM1 Antibody [NBP1-81729] - Staining of human salivary gland shows low expression as expected.



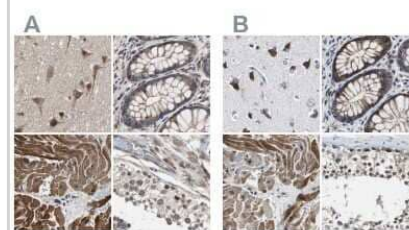
Immunohistochemistry-Paraffin: PITRM1 Antibody [NBP1-81729] - Staining of human testis shows high expression.



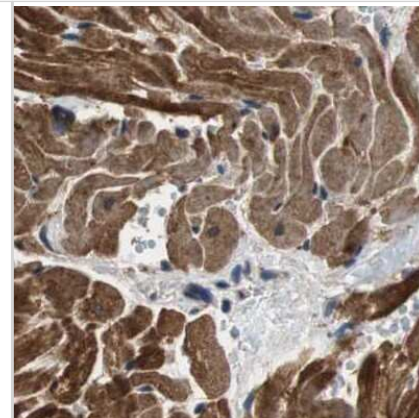
Immunohistochemistry-Paraffin: PITRM1 Antibody [NBP1-81729] - Staining in human testis and salivary gland tissues using anti-PITRM1 antibody. Corresponding PITRM1 RNA-seq data are presented for the same tissues.



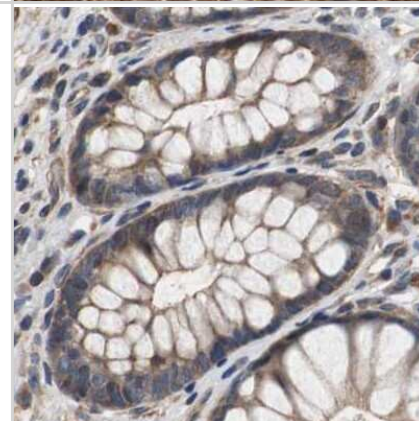
Immunohistochemistry-Paraffin: PITRM1 Antibody [NBP1-81729] - Staining of human cerebral cortex, colon, heart muscle and testis using Anti-PITRM1 antibody NBP1-81729 (A) shows similar protein distribution across tissues to independent antibody NBP1-81728 (B).



Immunohistochemistry-Paraffin: PITRM1 Antibody [NBP1-81729] - Staining of human heart muscle.



Immunohistochemistry-Paraffin: PITRM1 Antibody [NBP1-81729] - Staining of human colon.





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Products Related to NBP1-81729

NBP1-81729PEP	PITRM1 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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