

Product Datasheet

ATP5F1 Antibody - BSA Free NBP2-49255

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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Updated 2/23/2025 v.20.1

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NBP2-49255

ATP5F1 Antibody - BSA Free

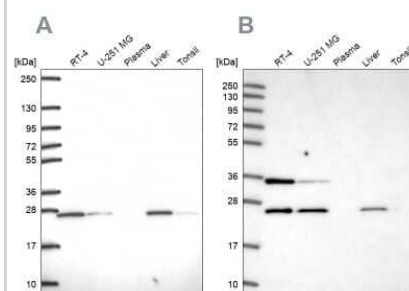
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	515
Gene Symbol	ATP5PB
Species	Human
Reactivity Notes	Rat (88%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: LDYHISVQNMRRKEQEHEMINWVEKHVVQSISTQQEKETIAKCIADLKLLAKKA QAQPVM

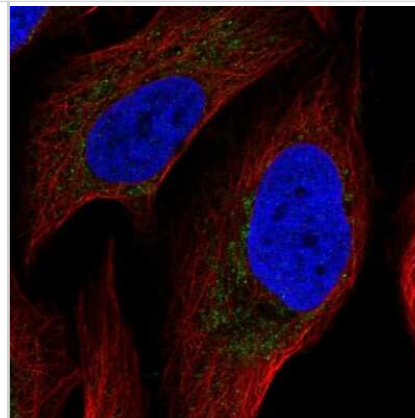
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

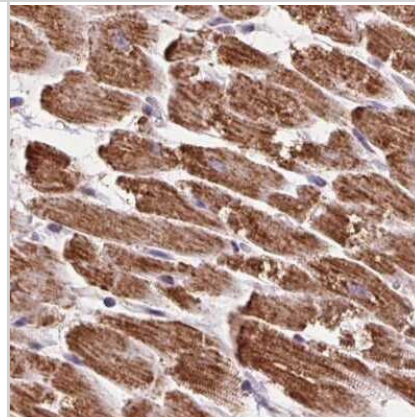
Western Blot: ATP5F1 Antibody [NBP2-49255] - Analysis using Anti-ATP5F1 antibody NBP2-49255 (A) shows similar pattern to independent antibody NBP1-91689 (B).



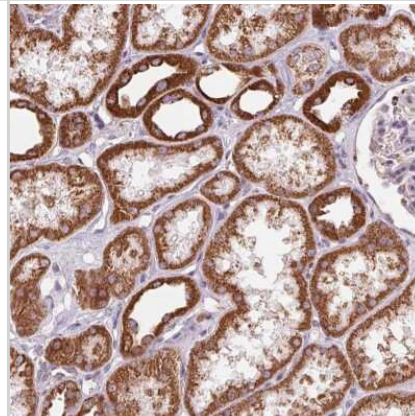
Immunocytochemistry/Immunofluorescence: ATP5F1 Antibody [NBP2-49255] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



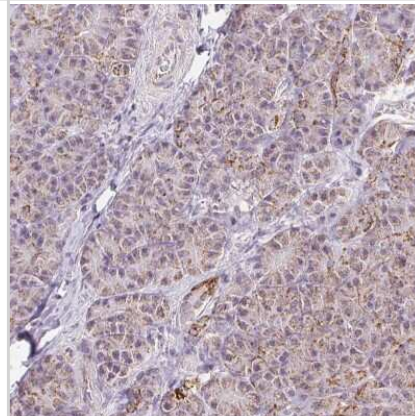
Immunohistochemistry-Paraffin: ATP5F1 Antibody [NBP2-49255] - Staining of human heart muscle.



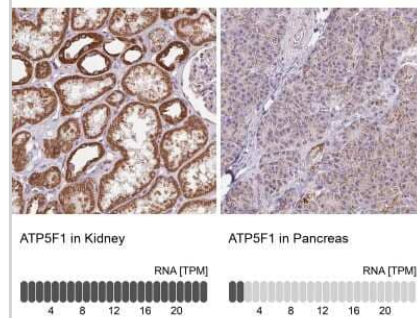
Immunohistochemistry-Paraffin: ATP5F1 Antibody [NBP2-49255] - Staining of human kidney shows high expression.



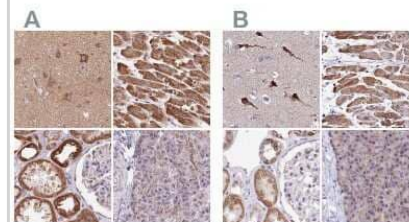
Immunohistochemistry-Paraffin: ATP5F1 Antibody [NBP2-49255] - Staining of human pancreas shows low expression as expected.



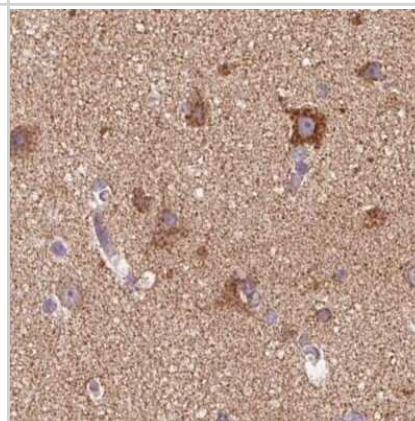
Immunohistochemistry-Paraffin: ATP5F1 Antibody [NBP2-49255] - Staining in human kidney and pancreas tissues using anti-ATP5F1 antibody. Corresponding ATP5F1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: ATP5F1 Antibody [NBP2-49255] - Staining of human cerebral cortex, heart muscle, kidney and pancreas using Anti-ATP5F1 antibody NBP2-49255 (A) shows similar protein distribution across tissues to independent antibody NBP1-91689 (B).



Immunohistochemistry-Paraffin: ATP5F1 Antibody [NBP2-49255] - Staining of human cerebral cortex.





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Products Related to NBP2-49255

NBP2-49255PEP	ATP5F1 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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