

Product Datasheet

NDUFB5 Antibody - BSA Free

NBP1-85607

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 3/4/2026 v.20.1

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NBP1-85607

NDUFB5 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

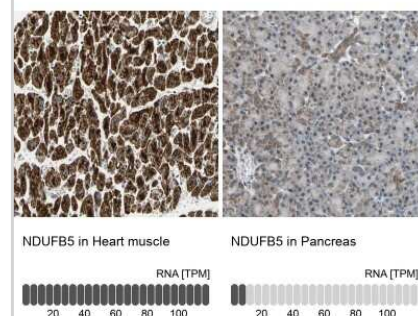
Host	Rabbit
Gene ID	4711
Gene Symbol	NDUFB5
Species	Human, Mouse
Reactivity Notes	Reactivity reported in adult mouse brain from a verified customer review.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EGYVPEHWEYYKHPISRWIARNFYDSPEKIYERTMAVLQIEAEKAELRVKELEV RKLMHVRGDGPWYYYETIDKELIDHSPKATPDN

Product Application Details

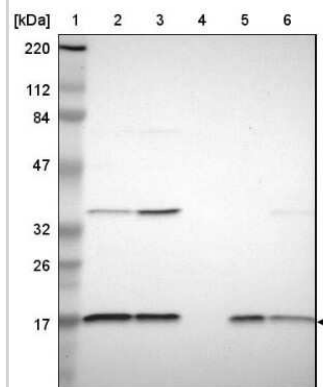
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Immunohistochemistry-Frozen
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. NDUFB5 antibody validated for IHC-FR from a verified customer review.

Images

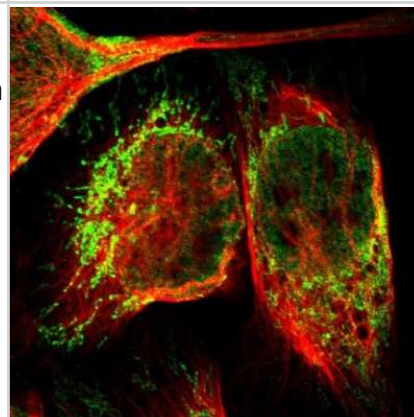
Immunohistochemistry-Paraffin: NDUFB5 Antibody [NBP1-85607] - Staining in human heart muscle and pancreas tissues.. Corresponding NDUFB5 RNA-seq data are presented for the same tissues.



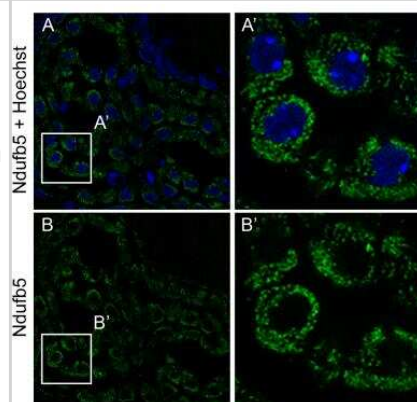
Western Blot: NDUFB5 Antibody [NBP1-85607] - Lane 1: Marker [kDa] 220, 112, 84, 47, 32, 26, 17. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



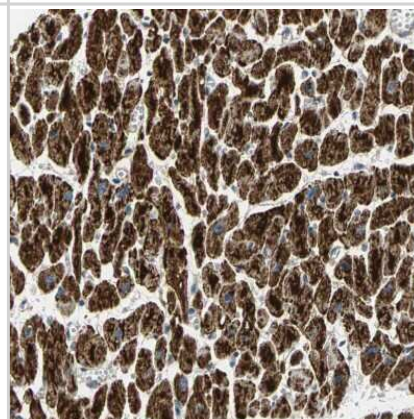
Immunocytochemistry/Immunofluorescence: NDUFB5 Antibody [NBP1-85607] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm & mitochondria. Antibody staining is shown in green.



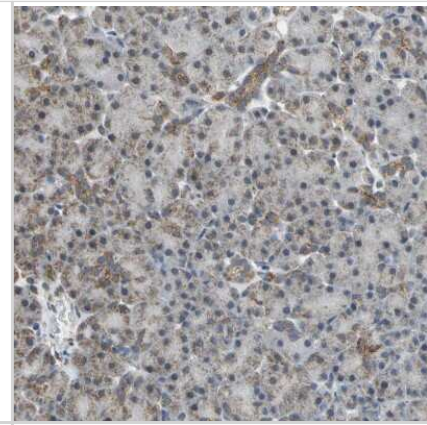
Immunohistochemistry-Frozen: NDUFB5 Antibody [NBP1-85607] - PFA-fixed cryosections (14 μ m) of adult mouse brain. 100x confocal imaging. Mitochondria are labeled. Antigen retrieval was performed in boiling 10mM citric acid (pH6) for 15 min, followed by block in 5% goat serum (PBS/ 0.3% triton) and incubated in primary ab (1:100) overnight at 4C in goat block. Developed with goat-anti-rabbit Alexa 488. Image from verified customer review.



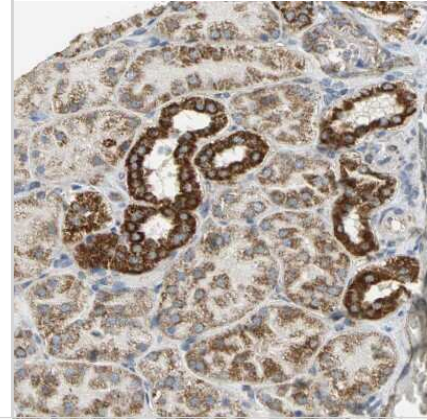
Immunohistochemistry-Paraffin: NDUFB5 Antibody [NBP1-85607] - Staining of human heart muscle shows strong positivity in mitochondria in cardiomyocytes.



Immunohistochemistry-Paraffin: NDUFB5 Antibody [NBP1-85607] - Staining of human pancreas shows weak positivity in mitochondria in exocrine glandular cells.



Immunohistochemistry-Paraffin: NDUFB5 Antibody [NBP1-85607] - Staining of human kidney shows strong positivity in mitochondria in cells in tubules.





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Products Related to NBP1-85607

NBP1-85607PEP	NDUFB5 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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