

Product Datasheet

NIR2 Antibody - BSA Free NBP2-34132

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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NBP2-34132

NIR2 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

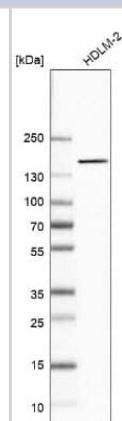
Host	Rabbit
Gene ID	9600
Gene Symbol	PITPNM1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (81%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: PKEMTKWNSNDFIDAFASPVEAEGTPEPGAEAAKGIEDGAQAPRDSEGLDGA GELGAEACAVHALFLILHSGNILDSP

Product Application Details

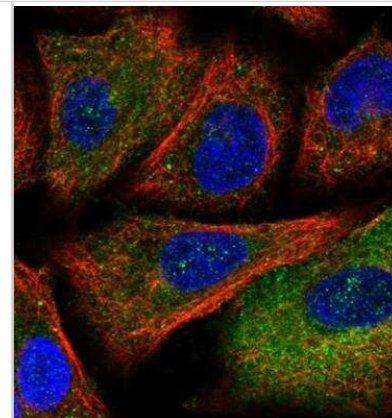
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100 - 1:250, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

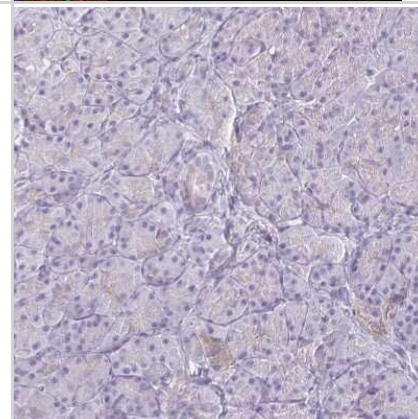
Western Blot: NIR2 Antibody [NBP2-34132] - TEST



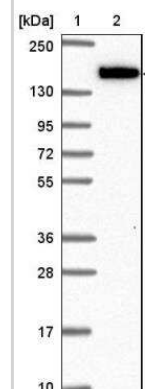
Immunocytochemistry/Immunofluorescence: NIR2 Antibody [NBP2-34132] - Staining of human cell line A549 shows positivity in cytoplasm. Antibody staining is shown in green.



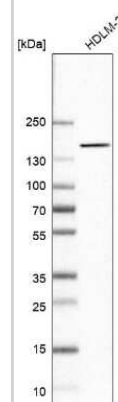
Immunohistochemistry-Paraffin: NIR2 Antibody [NBP2-34132] - Staining of human Pancreas shows very weak cytoplasmic positivity in exocrine glandular cells.



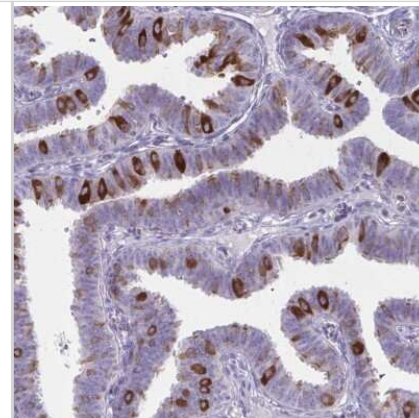
Western Blot: NIR2 Antibody [NBP2-34132] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4



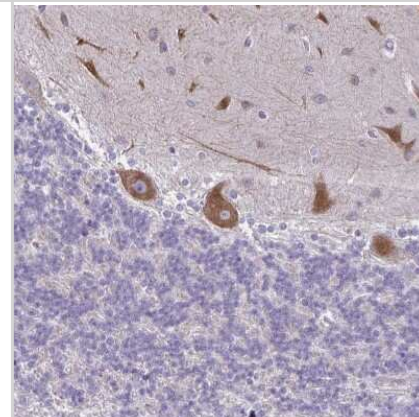
Western Blot: NIR2 Antibody [NBP2-34132] - Analysis in human cell line HDLM-2.



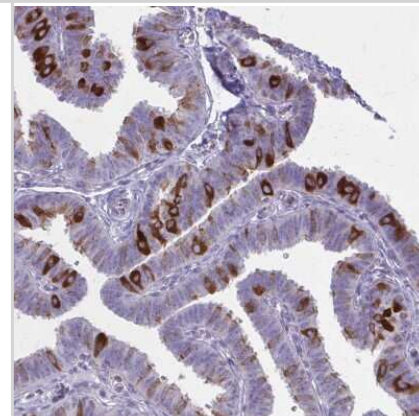
Immunohistochemistry-Paraffin: NIR2 Antibody [NBP2-34132] - Staining of human fallopian tube shows cytoplasmic positivity in glandular cells.



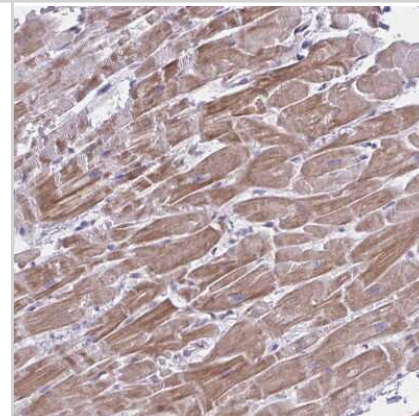
Immunohistochemistry-Paraffin: NIR2 Antibody [NBP2-34132] - Staining of human cerebellum shows moderate cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: NIR2 Antibody [NBP2-34132] - Staining of human Fallopian tube shows strong cytoplasmic positivity in a subset of glandular cells.



Immunohistochemistry-Paraffin: NIR2 Antibody [NBP2-34132] - Staining of human Heart muscle shows moderate cytoplasmic positivity in cardiomyocytes.



Publications

Kirmiz M, Gillies TE, Dickson EJ, Trimmer JS Neuronal ER-plasma membrane junctions organized by Kv2-VAP pairing recruit Nir proteins and affect phosphoinositide homeostasis J. Biol. Chem. 2019-10-08 [PMID: 31594866]



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Products Related to NBP2-34132

NBP2-34132PEP	NIR2 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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