

Product Datasheet

PDX-1/IPF1 Antibody - BSA Free NBP2-38865

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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NBP2-38865

PDX-1/IPF1 Antibody - BSA Free

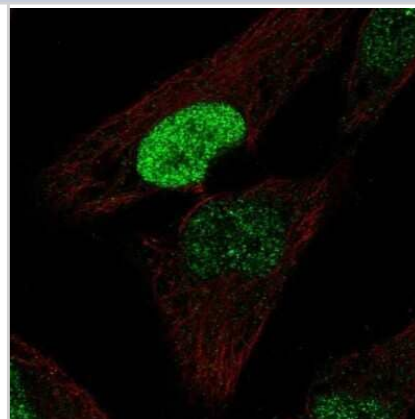
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3651
Gene Symbol	PDX1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (84%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: DISPYEVPPLADDPVAVAHLHHHLP AQLALPHPPAGPFPEGAEPGVLEEPNRVQ LPFPWMKSTKA

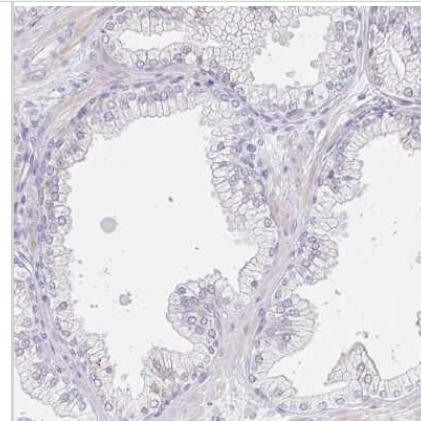
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

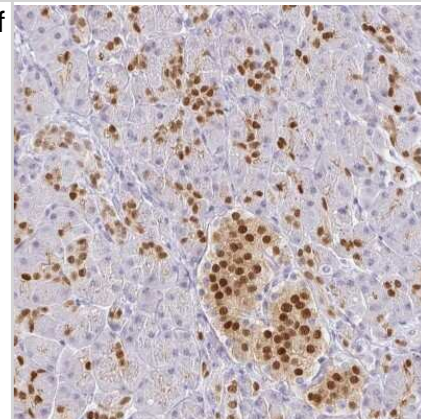
Immunocytochemistry/Immunofluorescence: PDX-1/IPF1 Antibody [NBP2-38865] - Staining of human cell line HeLa shows localization to nucleoplasm.



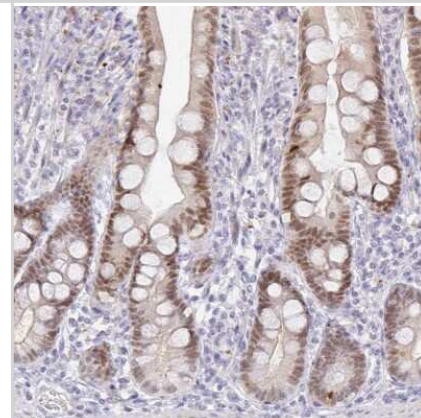
Immunohistochemistry-Paraffin: PDX-1/IPF1 Antibody [NBP2-38865] - Staining of human prostate shows no positivity in glandular cells as expected.



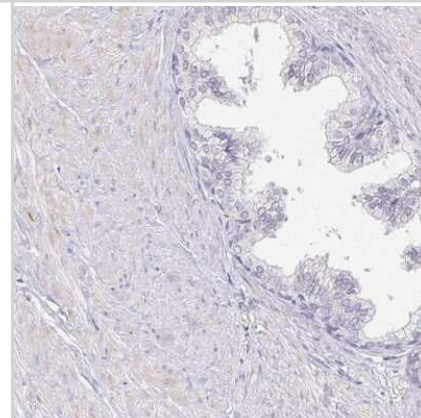
Immunohistochemistry: PDX-1/IPF1 Antibody [NBP2-38865] - Staining of human pancreas shows strong nuclear positivity in exocrine glandular cells and islets of Langerhans.



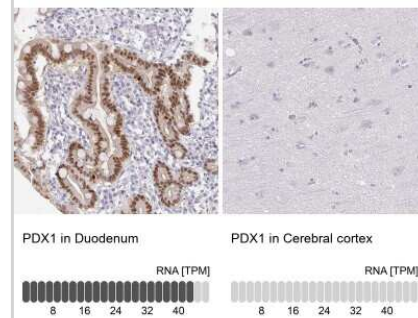
Immunohistochemistry-Paraffin: PDX-1/IPF1 Antibody [NBP2-38865] - Staining of human duodenum shows high expression.



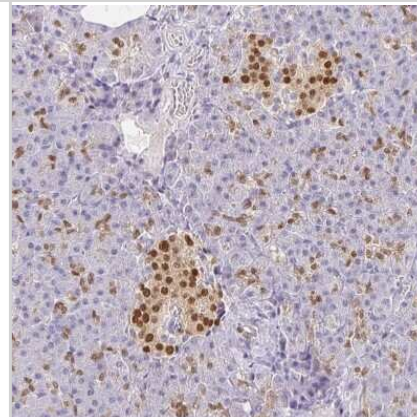
Immunohistochemistry-Paraffin: PDX-1/IPF1 Antibody [NBP2-38865] - Staining of human prostate shows low expression as expected.



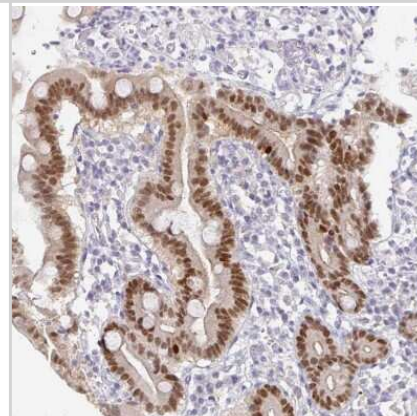
Immunohistochemistry-Paraffin: PDX-1/IPF1 Antibody [NBP2-38865] - Analysis in human duodenum and cerebral cortex tissues using NBP2-38865 antibody. Corresponding PDX1 RNA-seq data are presented for the same tissues.



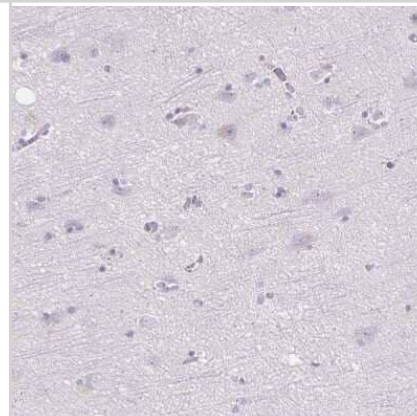
Immunohistochemistry-Paraffin: PDX-1/IPF1 Antibody [NBP2-38865] - Staining of human pancreas shows strong nuclear positivity in islets of Langerhans.



Immunohistochemistry-Paraffin: PDX-1/IPF1 Antibody [NBP2-38865] - Staining of human duodenum shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: PDX-1/IPF1 Antibody [NBP2-38865] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Publications

Lam CJ, Chatterjee A, Shen E et al. Low Level Insulin Content Within Abundant Non-Beta Islet Endocrine Cells in Long-Standing Type 1 Diabetes Diabetes 2018-12-14 [PMID: 30552110] (IF/IHC, Human)

Lam CJ, Cox AR, Jacobson DR et al. Highly Proliferative alpha-Cell-Related Islet Endocrine Cells in Human Pancreata. Diabetes 2018-04-01 [PMID: 29326366]



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Products Related to NBP2-38865

NBP2-38865PEP	PDX-1/IPF1 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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