

Product Datasheet

Insulin Antibody - BSA Free NBP1-87485

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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NBP1-87485

Insulin 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

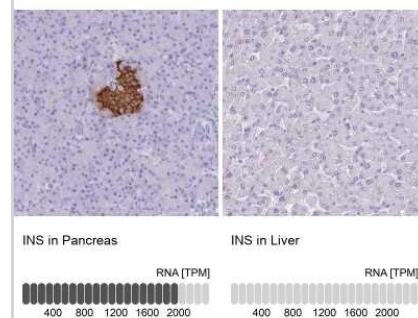
Product Description	
Host	Rabbit
Gene ID	3630
Gene Symbol	INS
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (84%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SHLVEALYLVCGERGFYTPKTRREAEDLQVGQVELGGGPGAGSLQPLALEG SLQKRGIVEQCCTSICSLYQLENYC

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry Reported in scientific literature (PMID: 28824164), Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

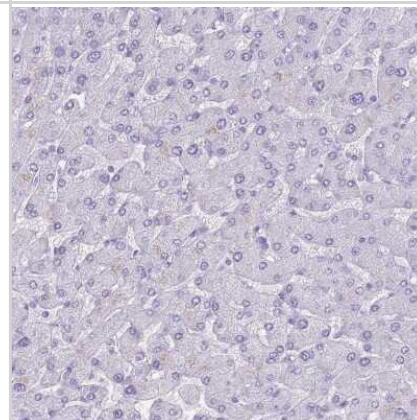


Images

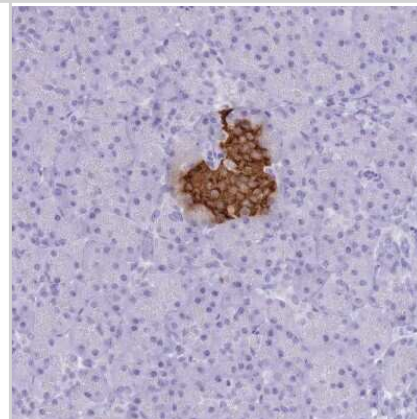
Immunohistochemistry-Paraffin: Insulin Antibody [NBP1-87485] - Staining in human pancreas and liver tissues using anti-INS antibody. Corresponding INS RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Insulin Antibody [NBP1-87485] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: Insulin Antibody [NBP1-87485] - Staining of human pancreas shows high expression.



Publications

Lin X, Wang G, Ma L, Liu G Study on Factors Affecting the Performance of a CRISPR/Cas-Assisted New Immunoassay: Detection of Salivary Insulin as an Example *Frontiers in Bioengineering and Biotechnology* 2021-11-11 [PMID: 34858958]

Ghazizadeh Zaniar, Kao Der-I, Amin Sadaf et al. ROCKII inhibition promotes the maturation of human pancreatic beta-like cells. *Nature Communications* 2017-08-21 [PMID: 28824164] (FLOW, Human)

Lindskog C, Korsgren O, Ponten F et al. Novel pancreatic beta cell-specific proteins: antibody-based proteomics for identification of new biomarker candidates. *J Proteomics* 2012-05-17 [PMID: 22465717]

Lindskog C, Asplund A, Engkvist M et al. Antibody-based proteomics for discovery and exploration of proteins expressed in pancreatic islets. *Discov Med* 2010-06-01 [PMID: 20587347]



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Products Related to NBP1-87485

NBP1-87485PEP	Insulin 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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