

Product Datasheet

Islet-1 Antibody - BSA Free

NBP2-14999

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



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Publications: 4

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Updated 9/25/2025 v.20.1

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NBP2-14999

Islet-1 Antibody - BSA Free

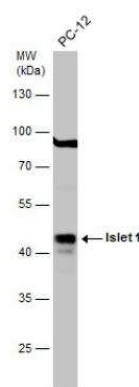
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	39 kDa

Product Description	
Description	Novus Biologicals Rabbit Islet-1 Antibody - BSA Free (NBP2-14999) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Islet-1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3670
Gene Symbol	ISL1
Species	Human, Mouse, Rat, Zebrafish
Reactivity Notes	Xenopus laevis (96%), Japanese medaka (97%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Islet-1. The exact sequence is proprietary.

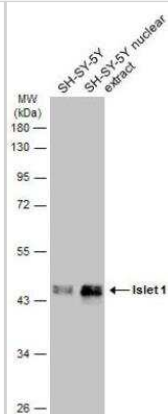
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot 1:5000-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000, Immunohistochemistry Whole-Mount Assay dependent

Images

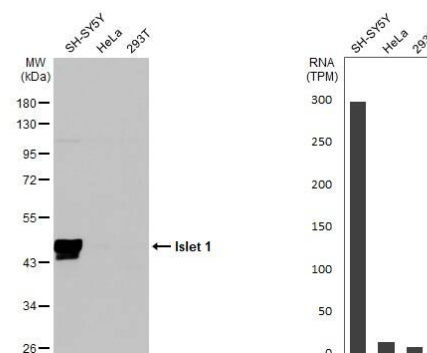
Western Blot: Islet-1 Antibody [NBP2-14999] - Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Islet-1 Antibody [NBP2-14999] - SH-SY5Y whole cell and nuclear extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody (NBP2-14999) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



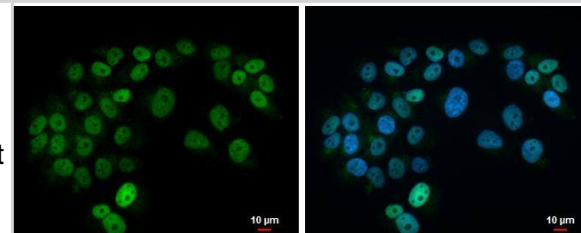
Islet 1 antibody detects Islet 1 protein at nucleus by immunofluorescent analysis.

Sample: SK-N-AS cells were fixed in 4% paraformaldehyde at RT for 15 min.

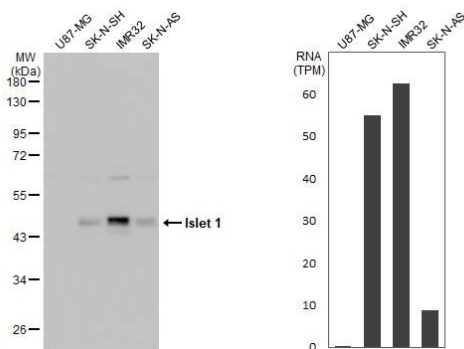
Green: Islet 1 protein stained by Islet 1 antibody (NBP2-14999) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 um.



Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody (NBP2-14999) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



Publications

Sayols S, Klassek J, Werner C et al. Signalling codes for the maintenance and lineage commitment of embryonic gastric epithelial progenitors *Development* 2020-01-28 [PMID: 32878924] (Immunocytochemistry/Immunofluorescence, Mouse)

Ma W, Wei X, Gu H et al. Intra-amniotic transplantation of brain-derived neurotrophic factor-modified mesenchymal stem cells treatment for rat fetuses with spina bifida aperta *Stem cell research & therapy* 2022-08-13 [PMID: 35964077]

Details:

Dilution used 1:25, Outbred Wistar rats

Oguri G, Nakajima T, Kikuchi H et al. Allyl isothiocyanate (AITC) activates nonselective cation currents in human cardiac fibroblasts: possible involvement of TRPA1 *Heliyon* 2021-01-01 [PMID: 33458442]

Osking Z, Ayers J I et al. ALS-Linked SOD1 Mutants Enhance Neurite Outgrowth and Branching in Adult Motor Neurons. *iScience* 2019-01-25 [PMID: 30639851] (ICC/IF, Mouse)





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Products Related to NBP2-14999

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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