

Islet 1 antibody

Cat. No. GTX102807

| | |
|--------------|-------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity | Human, Mouse, Rat |

References (8)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:5000-1:20000 |
| ICC/IF | 1:100-1:1000 |
| IHC-P | 1:100-1:1000 |

Not tested in other applications.

Calculated MW 39 kDa. ([Note](#))

Properties

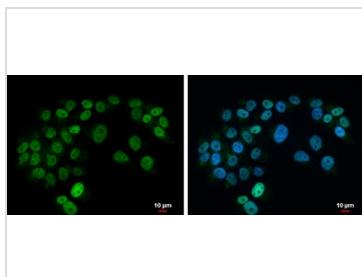
| | |
|---|--|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | 0.025% ProClin 300 |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1.8 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human Islet 1. The exact sequence is proprietary. |
| Purification | Purified by antigen-affinity chromatography. |
| Conjugation | Unconjugated |
| For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. | |
| Note | Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |



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DATA IMAGES



GTX102807 ICC/IF Image

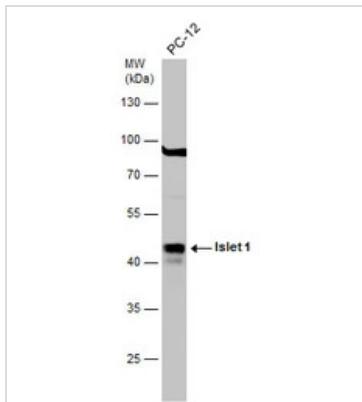
Islet 1 antibody detects Islet 1 protein at nucleus by immunofluorescent analysis.

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

Green: Islet 1 protein stained by Islet 1 antibody (GTX102807) diluted at 1:500.

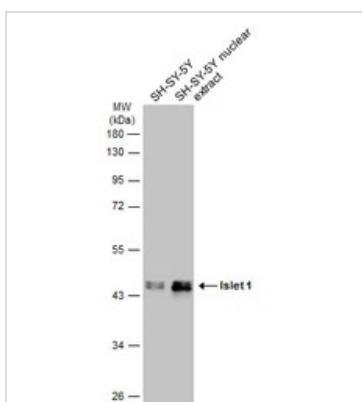
Blue: Hoechst 33342 staining.

Scale bar = 10 μ m.



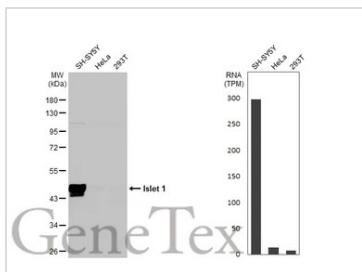
GTX102807 WB Image

Whole cell extract (30 μ g) was separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody (GTX102807) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX102807 WB Image

SH-SY5Y whole cell and nuclear extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody (GTX102807) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX102807 WB Image

Various whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody (GTX102807) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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