

Product Datasheet

Islet-1 Antibody (SC05-64) NBP2-67576

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67576

Islet-1 Antibody (SC05-64)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC05-64
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

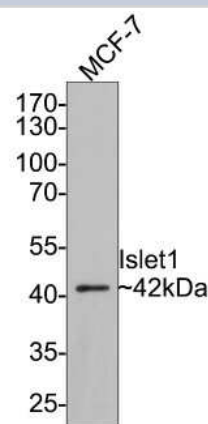
Host	Rabbit
Gene Symbol	ISL1
Species	Human, Mouse
Immunogen	Synthetic peptide within Human Islet-1 aa 262-205 / 349. (SwissProt: P61371 Human; SwissProt: P61372 Mouse)

Product Application Details

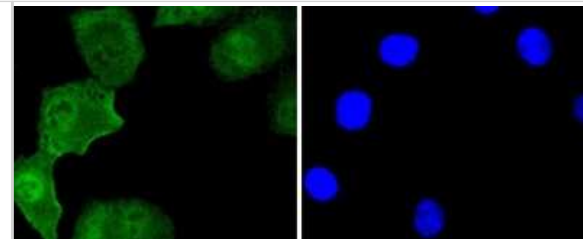
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:200

Images

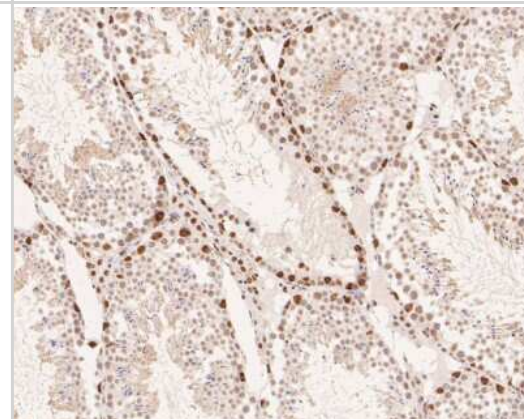
Western Blot: Islet-1 Antibody (SC05-64) [NBP2-67576] - Analysis of Islet-1 on MCF-7 cell lysates with Rabbit anti-Islet 1 antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 39 kDa Observed band size: 42 kDa Exposure time: 2 minutes; 10% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



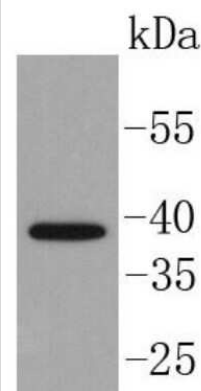
Immunocytochemistry/Immunofluorescence: Islet-1 Antibody (SC05-64) [NBP2-67576] - Staining Islet 1 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



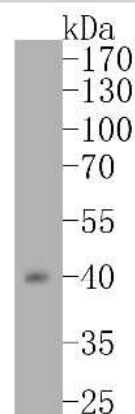
Immunohistochemistry-Paraffin: Islet-1 Antibody (SC05-64) [NBP2-67576] - Analysis of paraffin-embedded mouse testis tissue with Rabbit anti-Islet-1 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



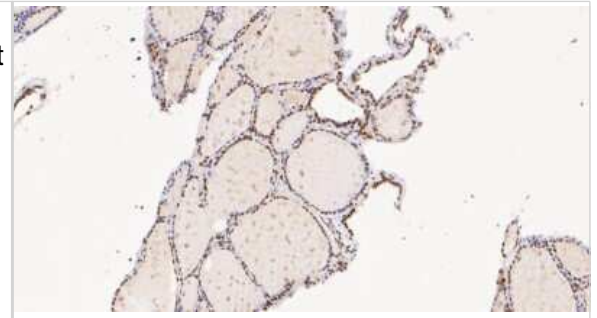
Western Blot: Islet-1 Antibody (SC05-64) [NBP2-67576] - Analysis of Islet 1 on MCF-7 cell lysates using anti-Islet 1 antibody at 1/1,000 dilution.



Western Blot: Islet-1 Antibody (SC05-64) [NBP2-67576] - Western blot analysis of Islet-1 on MCF-7 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti



Immunohistochemistry-Paraffin: Islet-1 Antibody (SC05-64) [NBP2-67576] - Analysis of paraffin-embedded human thyroid tissue with Rabbit anti-Islet-1 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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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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