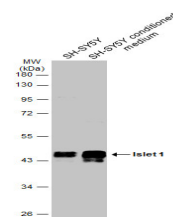


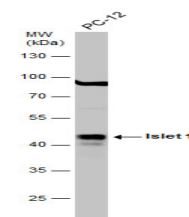
## Product Datasheet

### Islet 1 antibody GRP111

<b>Description</b>	This gene encodes a member of the LIM/homeodomain family of transcription factors. The encoded protein binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene expression. The encoded protein is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Mutations in this gene have been associated with maturity-onset diabetes of the young. [provided by RefSeq]
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ICC, IF, IHC-Fr, IHC-P, WB
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the centre region of human Islet 1. The exact sequence is proprietary.
<b>Form/Appearance</b>	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
<b>Concentration</b>	1.1 mg/ml
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening. 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.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified by antigen-affinity chromatography.
<b>Uniprot ID</b>	<b>P61371</b>
<b>Entrez</b>	<b>3670</b>
<b>Dilution Range</b>	WB: 1:5000-1:20000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, IHC-Fr: 1:100-1:1000



SH-SY5Y whole cell and nuclear extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody (GRP563) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with Islet 1 antibody (GRP563) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.