

## Islet 1 Antibody

## Tested Species Reactivity

Human (Hu)
Rat (Rt)

Tested Applications	Dilution *
Western Blot (WB)	1:500-1:3000
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

## Details

<b>Catalog Number:</b>	PA5-27789
<b>Size:</b>	100 µL
<b>Class:</b>	Polyclonal
<b>Type:</b>	Antibody
<b>Clone:</b>	
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Recombinant protein fragment corresponding to a region within amino acids 23 and 331 of Human Islet 1

## Form Information

<b>Form:</b>	Liquid
<b>Concentration:</b>	1.01mg/ml
<b>Purification:</b>	Antigen affinity chromatography
<b>Storage Buffer:</b>	PBS, pH 7, with 1% BSA, 20% glycerol
<b>Preservative:</b>	0.01% thimerosal
<b>Storage Conditions:</b>	-20° C, Avoid Freeze/Thaw Cycles

## Product Specific Information

PA5-27789 targets Islet 1 in WB applications and shows reactivity with Human samples.

The PA5-27789 immunogen is recombinant protein fragment corresponding to a region within amino acids 23 and 331 of Human Islet 1.

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## General Information

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.

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