# antibodies - online.com











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Quantity:	100 μL
Target:	Insulin (INS)
Binding Specificity:	AA 90-110
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Insulin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

# **Product Details**

Purpose:	Polyclonal Antibody to Insulin (INS)
Immunogen:	Recombinant Insulin (INS) corresdonding to Phe25~Ser54 and Gly90~Asn110 linked by GGGGS with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against INS. It has been selected for its ability to recognize INS in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

# **Target Details**

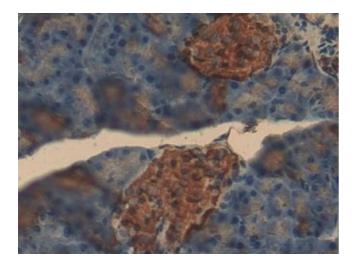
Target: Insulin (INS)	
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# **Target Details**

Alternative Name:	Insulin (INS Products)
Pathways:	NF-kappaB Signaling, RTK Signaling, Positive Regulation of Peptide Hormone Secretion, Peptide
	Hormone Metabolism, Hormone Activity, Carbohydrate Homeostasis, ER-Nucleus Signaling,
	Regulation of Carbohydrate Metabolic Process, Feeding Behaviour, Autophagy, Negative
	Regulation of intrinsic apoptotic Signaling, Brown Fat Cell Differentiation, Positive Regulation of
	fat Cell Differentiation

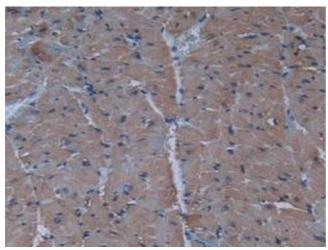
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

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Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



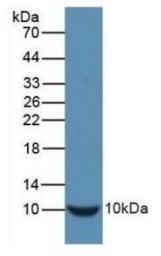
# **Immunohistochemistry**

Image 1. Detection of INS in Mouse Pancreas Tissue using Polyclonal Antibody to Insulin (INS)



### **Immunohistochemistry**

Image 2. Detection of INS in Mouse Heart Tissue using Polyclonal Antibody to Insulin (INS)



# **Western Blotting**

Image 3. Detection of Recombinant INS, Mouse using Polyclonal Antibody to Insulin (INS)

Please check the product details page for more images. Overall 4 images are available for ABIN7429844.