

Datasheet for ABIN7429847
anti-Insulin antibody (AA 25-110)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Insulin (INS)
Binding Specificity:	AA 25-110
Reactivity:	Rat
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) corresponding to Phe25~Asn110 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.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

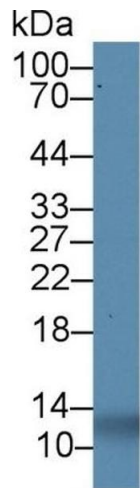
Target:	Insulin (INS)
Alternative Name:	Insulin (INS Products)
Pathways:	NF-kappaB Signaling , RTK Signaling , Positive Regulation of Peptide Hormone Secretion , Peptide Hormone Metabolism , Hormone Activity , Carbohydrate Homeostasis , ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process , 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

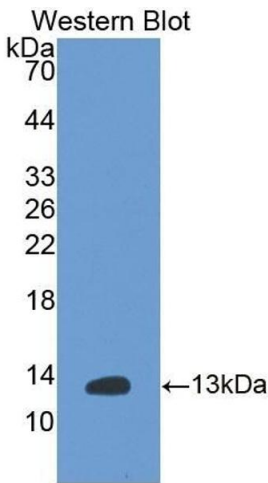
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
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



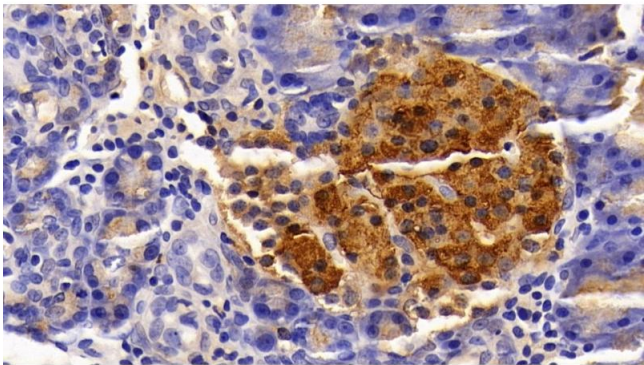
Western Blotting

Image 1. Detection of INS in Rat Pancreas lysate using Polyclonal Antibody to Insulin (INS)



Western Blotting

Image 2. Detection of Recombinant INS, Rat using Polyclonal Antibody to Insulin (INS)



Immunohistochemistry

Image 3. Detection of INS in Rat Pancreas Tissue using Polyclonal Antibody to Insulin (INS)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7429847.