

Datasheet for ABIN729118
anti-Insulin antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Insulin (INS)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Insulin antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated Insulin from porcine pancreas
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Pig
Purification:	Purified by Protein A.

Target Details

Target:	Insulin (INS)
Alternative Name:	Insulin (INS Products)
Background:	Synonyms: Insulin, INS

Target Details

Background: Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.

Gene ID: 397415

UniProt: [P01315](#)

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: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IF(IHC-P) 1:50-200
IP(1-2 µg)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

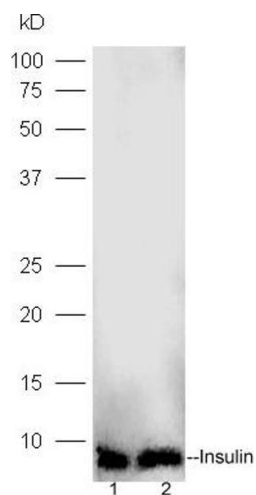
Preservative: ProClin

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: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: human islet alpha lysates Lane 2: human islet beta lysates probed with Rabbit Anti-Insulin Polyclonal Antibody, Unconjugated (ABIN729118) at 1:300 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:5000 for 90 min at 37 °C.