antibodies - online.com







anti-Insulin antibody (AA 25-54)



Images



Overview

Quantity:	100 μL
Target:	Insulin (INS)
Binding Specificity:	AA 25-54
Reactivity:	Cow
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~Ala54 (Accession # P01317) with N-terminal His and GST 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

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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

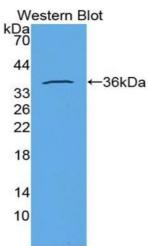
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL 1:500-2000 Immunohistochemistry: 5-20 μg/mL 1:50-200 Immunocytochemistry: 5-20 μg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was 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



Western Blotting

Image 1. Detection of INS in Bovine Liver lysate using Polyclonal Antibody to Insulin (INS)



Western Blotting

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