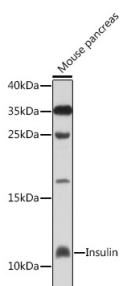


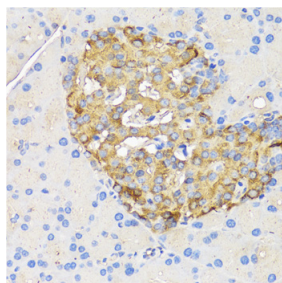
Cat. No:	AB-84377	
Conjugate:	Unconjugated	
Size:	100 ug	
Clone:	POLY	
Concentration:	1mg/ml	
Host:	Rabbit	
Isotype:	IgG	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-110 of human INS.	
Reactivity:	Human, Mouse, Rat	
Applications:	Western Blot:	1:500 - 1:2000
	Immunohistochemistry:	1:50 - 1:200
	Immunofluorescence:	1:50 - 1:200
Molecular Weight:	12kDa	
Purification:	Affinity purification	
Synonyms:	IDDM;IDDM1;IDDM2;ILPR;IRDN;MODY10;INS;Insulin;insulin	
Background:	<p>After removal of the precursor signal peptide, proinsulin is post-translationally cleaved into three peptides: the B chain and A chain peptides, which are covalently linked via two disulfide bonds to form insulin, and C-peptide. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. A multitude of mutant alleles with phenotypic effects have been identified. There is a read-through gene, INS-IGF2, which overlaps with this gene at the 5' region and with the IGF2 gene at the 3' region. Alternative splicing results in multiple transcript variants.</p>	
Form:	Liquid	
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.	
Storage:	Store at -20°C. Avoid freeze / thaw cycles.	



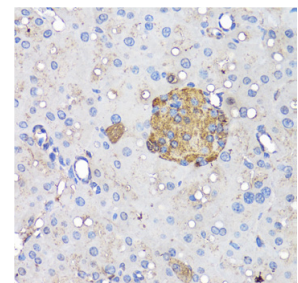
Western blot analysis of extracts of mouse pancreas, using Insulin antibody at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/protein: 25ug per lane.



Immunohistochemistry of paraffin embedded rat pancreatic islet using Insulin antibody at dilution of 1:50 (40x lens).

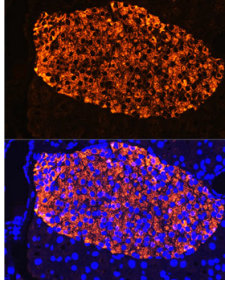


Immunohistochemistry of paraffin embedded mouse pancreatic islet using Insulin antibody at dilution of 1:50 (40x lens).

Blocking buffer: 3% nonfat dry milk in
TBST.

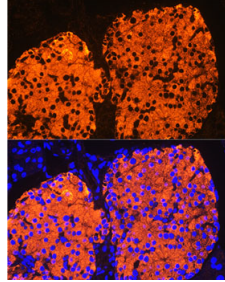
Detection: ECL West Pico Plus.

Exposure time: 30s.



Immunofluorescence analysis of Rat
pancreas using Insulin Rabbit pAb at
dilution of 1:100.

Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Mouse
pancreatic islet using Insulin Rabbit pAb
at dilution of 1:100.

Blue: DAPI for nuclear staining.

References:

References for Insulin Rabbit pAb

Product:Insulin Rabbit pAb

Journal:Cell death & disease

Application:IHC

IF:5.964

Species:Mus musculus

PMID:[28837146](https://pubmed.ncbi.nlm.nih.gov/28837146/)

Title:Adropin deficiency worsens HFD-induced metabolic defects

References for Insulin Rabbit pAb

Product:Insulin Rabbit pAb

Journal:Heliyon

Application:IHC

IF:

Species:Homo sapiens

PMID:[31989054](https://pubmed.ncbi.nlm.nih.gov/31989054/)

Title: The serum concentration of β CGRP is novel marker for type 1 diabetes

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