

PAA448Ra01

Polyclonal Antibody to Insulin (INS)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)



[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity

chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 100µL

Cross Reactivity: Mouse

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant INS (Phe25~Asn110) expressed in E.coli

Accession No.: RPA448Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

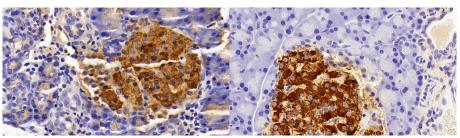
Aliquot and store at -20°C for 24 months.

Stability Test: 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

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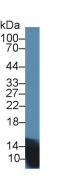
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



DAB staining on IHC-P; Sample: Rat
Pancreas Tissue; Primary Ab: 20ug/ml
Rabbit Anti-Rat INS Antibody Second
Ab: 2µg/mL HRP-Linked Caprine AntiRabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

DAB staining on IHC-P;
Sample: Rat Pancreas Tissue;
Primary Ab: 10ug/ml Rabbit Anti-Rat
INS Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Mouse
Pancreas lysate;
Primary Ab: 1µg/ml Rabbit Anti-Rat INS
Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

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Western Blot; Sample: Rat Pancreas

lysate;

Primary Ab: 1µg/ml Rabbit Anti-Rat INS

Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.