

PAA895Hu02

Polyclonal Antibody to Insulin Receptor (INSR)

Organism Species: *Homo sapiens (Human)*

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/IF

[IMMUNOGEN]

Immunogen: Recombinant INSR (Arg1027~Met1364) expressed in *E.coli*

Accession No.: RPA895Hu02

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 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.

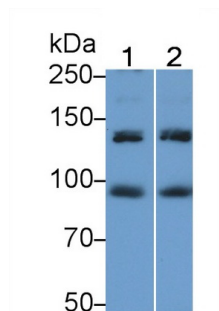
Store at 4°C for frequent use.

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

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

[IDENTIFICATION]



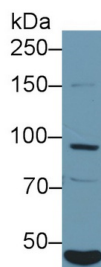
Western Blot; Sample: Lane1: MCF7 cell lysate; Lane2: HepG2 cell lysate

Primary Ab: 0.8 μ g/ml Rabbit Anti-Human INSR Antibody

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

Antibody

(Catalog: SAA544Rb19)



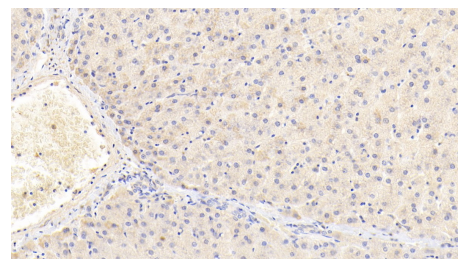
Western Blot; Sample: Mouse Liver lysate

Primary Ab: 0.6 μ g/ml Rabbit Anti-Human INSR Antibody

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

Antibody

(Catalog: SAA544Rb19)



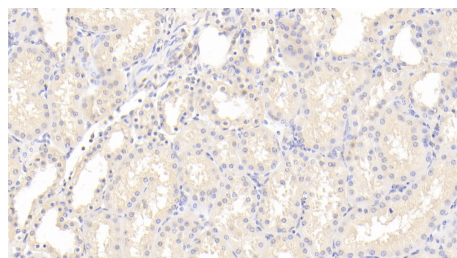
DAB staining on IHC-P;

Samples: Human Liver Tissue;
Primary Ab: 20 μ g/ml Rabbit Anti-Human INSR Antibody

Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

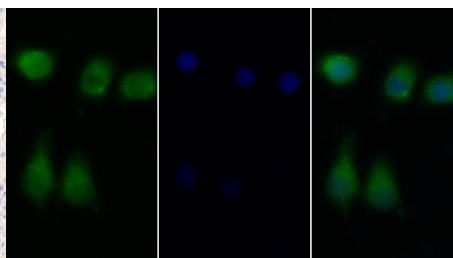
Samples: Human Kidney Tissue;

Primary Ab: 20 μ g/ml Rabbit Anti-Human INSR Antibody

Second Ab: 2 μ g/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



FITC staining on IF;

Sample: Human MCF7 cell;

Primary Ab: 20 μ g/ml Rabbit Anti-Human INSR Antibody

Second Ab: 1.5 μ g/mL FITC-Linked Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb18)

[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.