

PAH309Hu01

Polyclonal Antibody to Prolactin Receptor (PRLR)

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: 200μL

Cross Reactivity: Mouse; Rat; Porcine.

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant PRLR (Gln25~Asp234) expressed in *E.coli*

Accession No.: RPH309Hu01

[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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

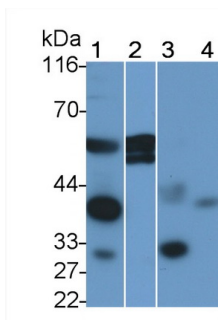
Store at 4°C for frequent use.

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

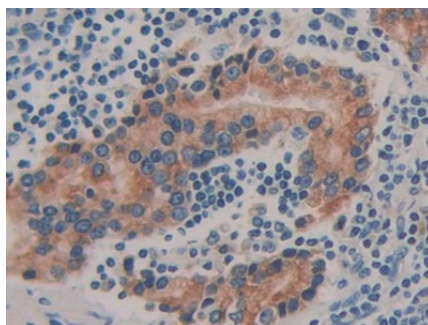
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

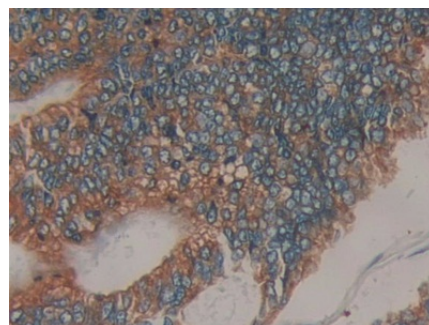
[IDENTIFICATION]



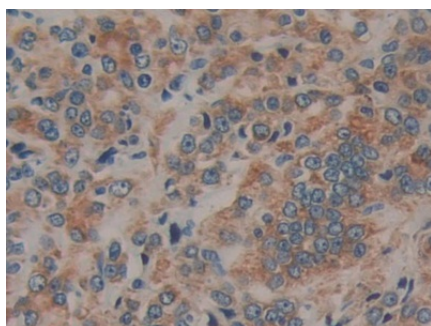
Western Blot; Sample: Lane1: Human Serum; Lane2: MCF7 cell lysate; Lane3: Rat Serum; Lane4: Mouse Serum
Primary Ab: 0.05µg/ml Rabbit Anti-Human PRLR Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



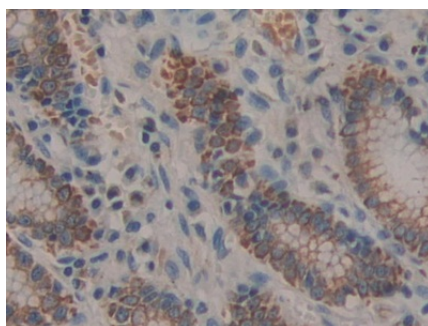
DAB staining on IHC-P;
Samples: Human Prostate cancer Tissue;
Primary Ab: 10µg/ml Rabbit Anti-Human PRLR Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



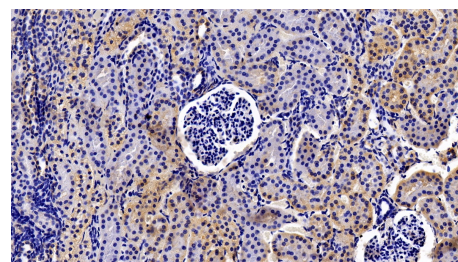
DAB staining on IHC-P;
Samples: Human Colorectal cancer Tissue;
Primary Ab: 10µg/ml Rabbit Anti-Human PRLR Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Human Lung cancer Tissue;
Primary Ab: 10µg/ml Rabbit Anti-Human PRLR Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



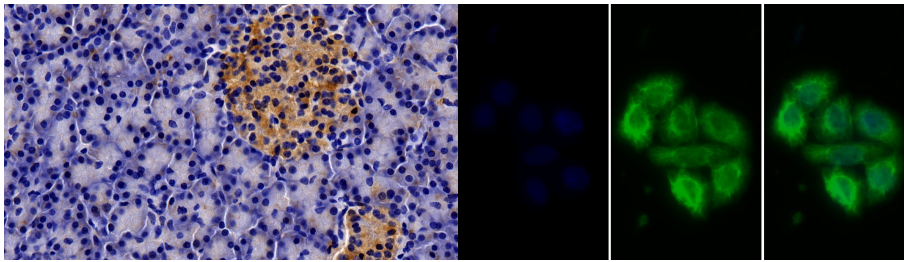
DAB staining on IHC-P;
Samples: Human Stomach Tissue;
Primary Ab: 10µg/ml Rabbit Anti-Human PRLR Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



DAB staining on IHC-P;
Sample: Porcine Kidney Tissue;
Primary Ab: 10µg/ml Rabbit Anti-Human PRLR Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

FITC staining on IF;

Sample: Porcine Pancreas Tissue;

Sample: Human MCF7 cell;

Primary Ab: 10µg/ml Rabbit Anti-
Human PRLR Antibody

Primary Ab: 20ug/ml Rabbit Anti-
Human PRLR Antibody

Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

Second Ab: 2?g/ml FITC-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

(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.