

**PAE771Mu02**

**Polyclonal Antibody to Interleukin 11 Receptor Alpha (IL11Ra)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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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:** Human;Rat

**Applications:** WB; IHC; ICC/IF

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant IL11Ra (Asn194~Gln329 (Accession # Q64385)) expressed in *E.coli*

**Accession No.:** RPE771Mu02

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-30µg/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.

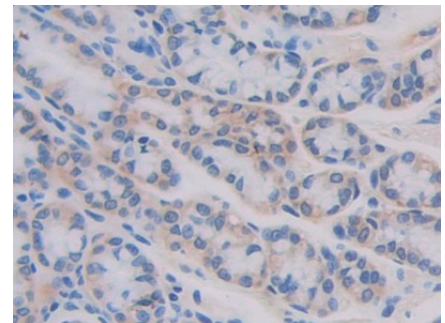
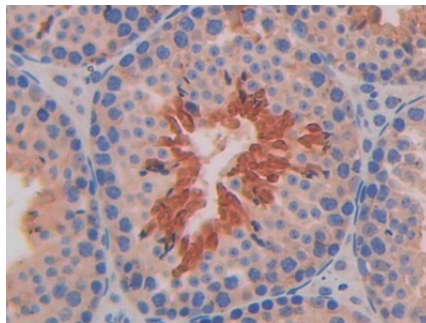
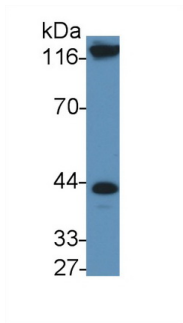
Store at 4°C for frequent use.

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.

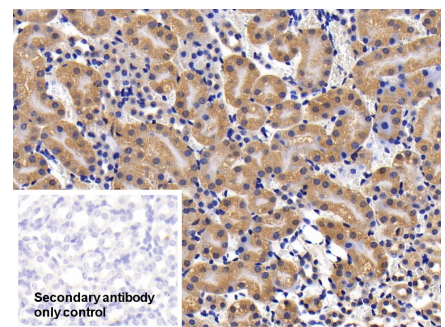
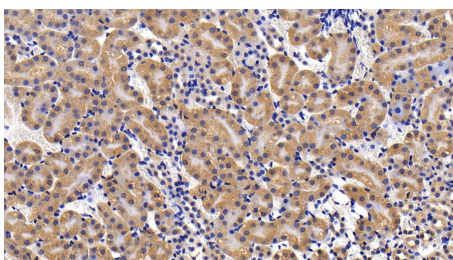
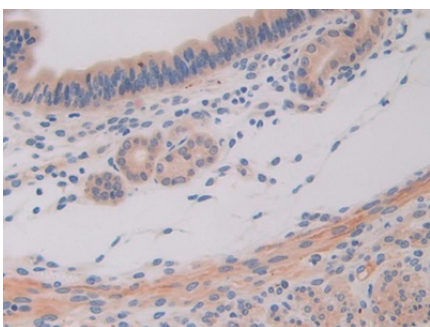
**[ IDENTIFICATION ]**



Western Blot; Sample: Rat Serum  
 Primary Ab: 0.3µg/ml Rabbit Anti-Mouse IL11Ra Antibody  
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
 (Catalog: SAA544Rb19)

DAB staining on IHC-P;  
 Samples: Mouse Testis Tissue;  
 Primary Ab: 30µg/ml Rabbit Anti-Mouse IL11Ra Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
 (Catalog: SAA544Rb19)

DAB staining on IHC-P;  
 Samples: Mouse Small intestine Tissue;  
 Primary Ab: 30µg/ml Rabbit Anti-Mouse IL11Ra Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
 (Catalog: SAA544Rb19)

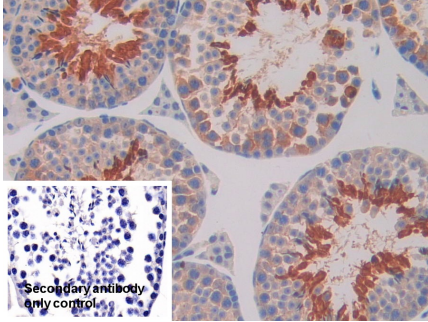


DAB staining on IHC-P;  
 Samples: Mouse Uterus Tissue;  
 Primary Ab: 30µg/ml Rabbit Anti-Mouse IL11Ra Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

DAB staining on IHC-P;  
 Sample: Mouse Kidney Tissue;  
 Primary Ab: 20ug/ml Rabbit Anti-Mouse IL11Ra Antibody  
 Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
 (Catalog: SAA544Rb19)

DAB staining on IHC-P;  
 Sample: Mouse Kidney Tissue  
 Primary Ab: 20µg/ml Rabbit Anti-Mouse IL11Ra Antibody  
 Control: Used PBS instead of primary antibody  
 Second Ab: 2µg/ml HRP-Linked

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Testis Tissue

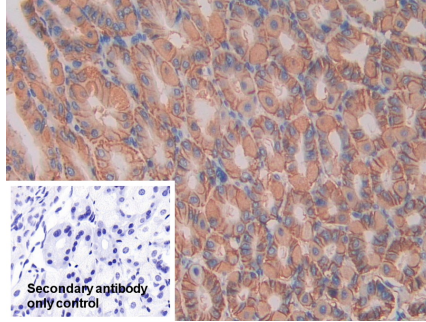
Primary Ab: 30µg/ml Rabbit Anti-Mouse IL11Ra Antibody

IL11Ra Antibody

Control: Used PBS instead of primary antibody

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

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Stomach Tissue

Primary Ab: 30µg/ml Rabbit Anti-Mouse IL11Ra Antibody

IL11Ra Antibody

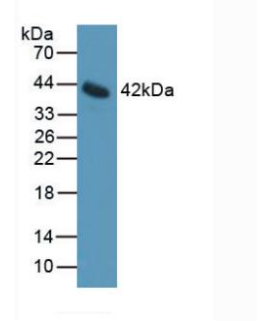
Control: Used PBS instead of primary antibody

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

(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

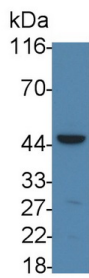


Western Blot; Sample: Mouse Serum

Primary Ab: 0.1µg/ml Rabbit Anti-Mouse IL11Ra Antibody

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

(Catalog: SAA544Rb19)

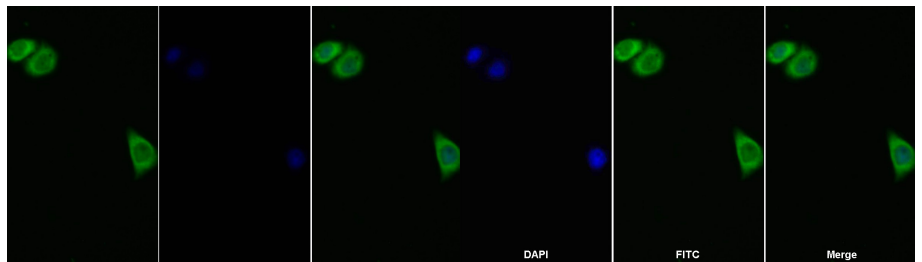


Western Blot; Sample: 293T cell lysate

Primary Ab: 0.1µg/ml Rabbit Anti-Mouse IL11Ra Antibody

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

(Catalog: SAA544Rb19)



FITC staining on IF;

Sample: Human HeLa cell;

Primary Ab: 20µg/ml Rabbit Anti-Mouse IL11Ra Antibody

Second Ab: 1.5µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb18)

FITC staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Rabbit Anti-Mouse IL11Ra Antibody

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

(Catalog: SAA544Rb11)

**[ 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.