

PAE771Mu01

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

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;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant IL11Ra (Trp59~Arg217 (Accession # Q64385)) expressed in *E.coli*

Accession No.: RPE771Mu01

[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.

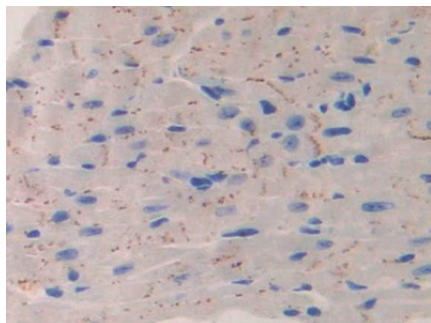
Store at 4°C for frequent use.

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]



DAB staining on IHC-P;

Samples: Mouse Heart Tissue;

Primary Ab: 30µg/ml Rabbit Anti-Mouse

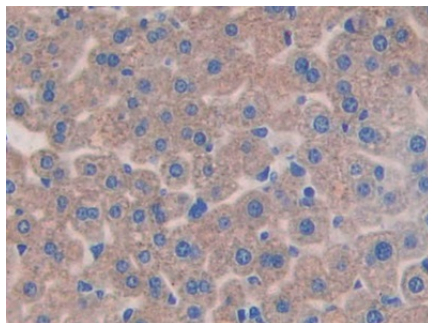
IL11Ra Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Samples: Mouse Liver Tissue;

Primary Ab: 30µg/ml Rabbit Anti-Mouse

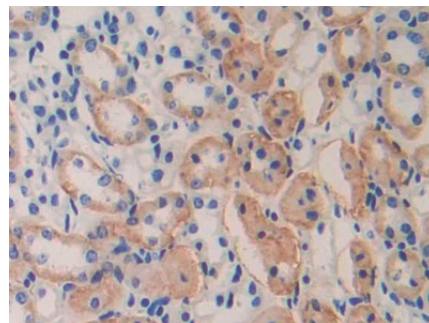
IL11Ra Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Samples: Mouse Kidney Tissue;

Primary Ab: 30µg/ml Rabbit Anti-Mouse

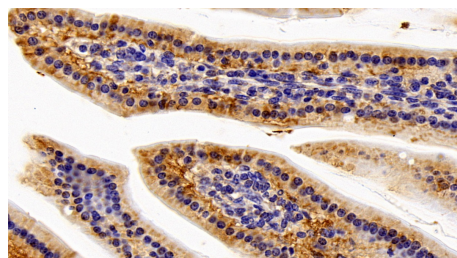
IL11Ra Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Small intestine Tissue;

Primary Ab: 10ug/ml Rabbit Anti-Mouse

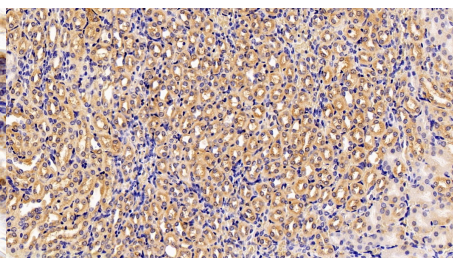
IL11Ra Antibody

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: 10ug/ml Rabbit Anti-Mouse

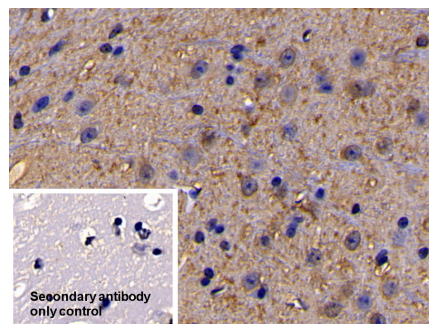
IL11Ra Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Cerebrum Tissue

Primary Ab: 20µg/ml Rabbit Anti-Mouse

IL11Ra Antibody

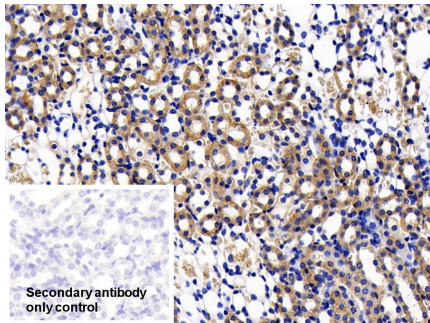
Control: Used PBS instead of primary
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Kidney Tissue

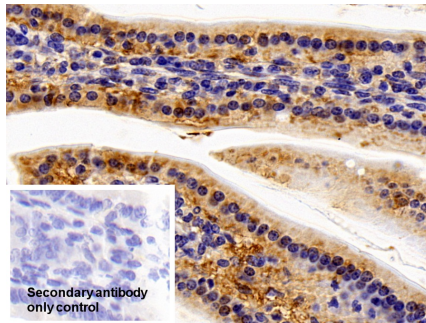
Primary Ab: 20µg/ml Rabbit Anti-Mouse

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 Small intestine Tissue

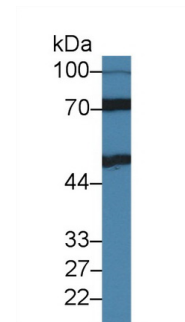
Primary Ab: 10µg/ml Rabbit Anti-Mouse

IL11Ra Antibody

Control: Used PBS instead of primary antibody

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

(Catalog: SAA544Rb19)



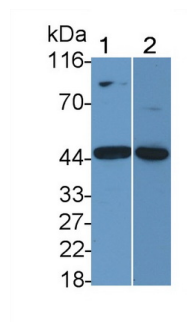
Western Blot; Sample: Rat Kidney
lysate;

Primary Ab: 1µg/ml Rabbit Anti-Mouse

IL11Ra Antibody

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

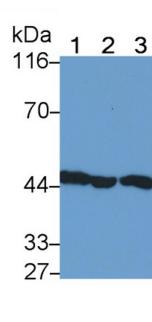
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Mouse
Skeletal muscle lysate; Lane2: 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

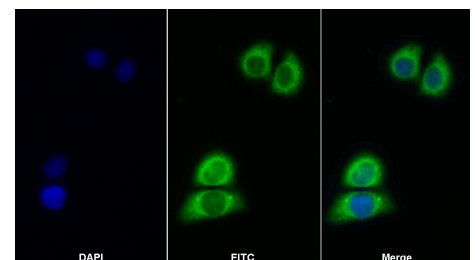
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Mouse
Skeletal muscle lysate; Lane2: Porcine
Skeletal muscle lysate; Lane3: Rat
Skeletal muscle lysate

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)



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.