

PAA561Hu03

Polyclonal Antibody to Leukemia Inhibitory Factor Receptor (LIFR)

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: 50µL

Cross Reactivity: Mouse;Rat;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant LIFR (Arg692~Ser833 (Accession # P42702)) expressed in *E.coli*

Accession No.: RPA561Hu03

[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.

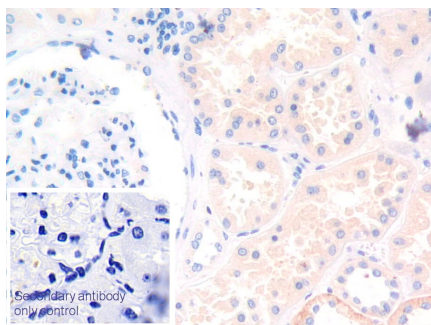
Store at 4°C for frequent use.

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

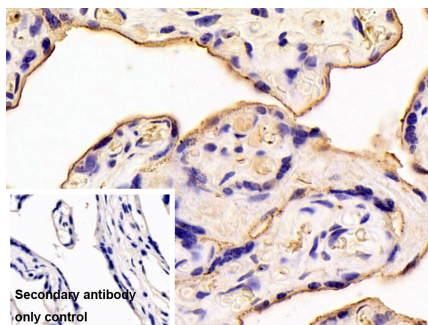
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

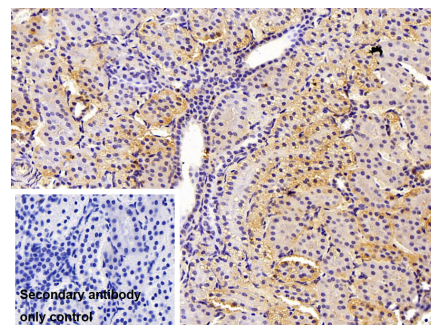
[IDENTIFICATION]



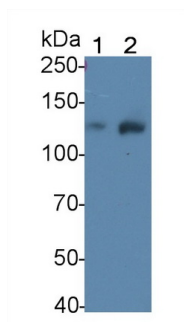
DAB staining on IHC-P; Samples:
Human Kidney Tissue; Primary Ab:
30µg/ml Rabbit Anti-Human LIFR
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



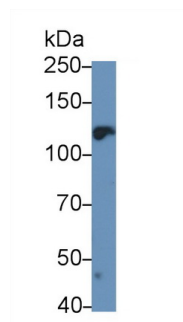
DAB staining on IHC-P;
Sample: Human Placenta Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human LIFR Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



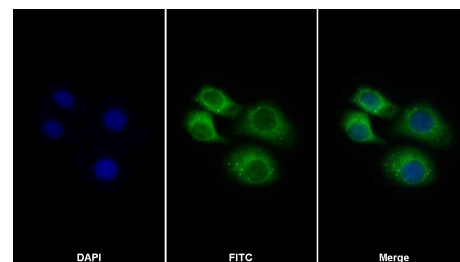
DAB staining on IHC-P;
Sample: Porcine Kidney Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human LIFR Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Porcine
Skeletal muscle lysate; Lane2: Rat
Skeletal muscle lysate
Primary Ab: 0.2?g/ml Rabbit Anti-
Human LIFR Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal



Western Blot; Sample: Mouse Skeletal
muscle lysate
Primary Ab: 0.2µg/ml Rabbit Anti-
Human LIFR Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

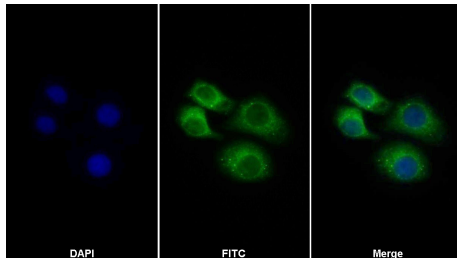


FITC staining on IF;
Sample: Human Hela cell;
Primary Ab: 20µg/ml Rabbit Anti-
Human LIFR Antibody
Second Ab: 1.5µg/ml FITC-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb18)

Antibody

(Catalog: SAA544Rb19) Selected

(Catalog: SAA544Rb19) Selected



FITC staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Rabbit Anti-

Human LIFR 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.