

PAB589Hu01

Polyclonal Antibody to Interferon Regulatory Factor 3 (IRF3)

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: 20µL

Cross Reactivity: Mouse;Rat

Applications: WB; ICC/IF;FCM

[IMMUNOGEN]

Immunogen: Recombinant IRF3 (Met1~Lys360) expressed in *E.coli*

Accession No.: RPB589Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunocytochemistry: 5-20µg/mL;

Flow cytometry: 20?g/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.

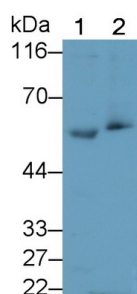
Store at 4°C for frequent use.

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

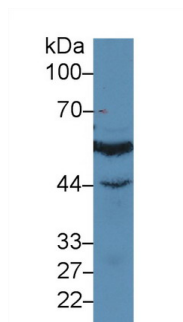
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

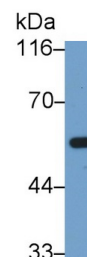
[IDENTIFICATION]



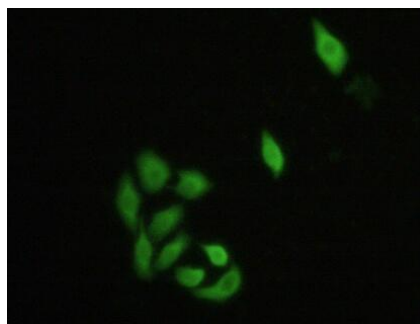
Western Blot; Sample: Lane1: 3T3-L1 cell lysate; Lane2: Rat Kidney lysate
Primary Ab: 0.6µg/ml Rabbit Anti-Human IRF3 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



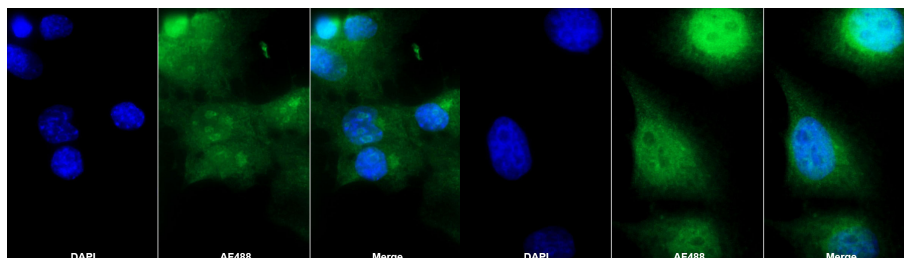
Western Blot; Sample: Human Jurkat cell lysate;
Primary Ab: 3µg/ml Rabbit Anti-Human IRF3 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Hela cell lysate
Primary Ab: 0.3µg/ml Rabbit Anti-Human IRF3 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

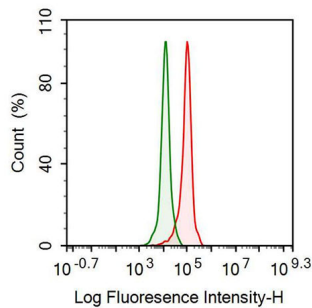


FITC staining on IF;
Sample: Hela cell
Primary Ab: 20µg/ml Rabbit Anti-Human IRF3 Antibody
Second Ab: 2?g/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb18)



AF488 staining on IF;
Sample: Hepa1-6 cell
Primary Ab: 20µg/ml Rabbit Anti-Human IRF3 Antibody
Second Ab: 2?g/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb11)

AF488 staining on IF;
Sample: NIH/3T3 cell
Primary Ab: 20µg/ml Rabbit Anti-Human IRF3 Antibody
Second Ab: 2?g/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb11)



Human Hela cell line was fixed with 2% paraformaldehyde (10 min) , permeabilised with 0.1% BSA-Triton X-100, then stained with 20 μ g/ml rabbit Anti-human IRF3 Polyclonal Antibody (Catalog PAB589Hu01, red histogram) or Isotype control antibody (Catalog IS067-Rb01, green histogram), followed by 1 μ g/ml FITC-conjugated Anti-rabbit IgG Secondary 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.