

PAB743Mi03

Polyclonal Antibody to Signal Transducer And Activator Of Transcription 3 (STAT3)

Organism Species: *Homo sapiens (Human)*, *Mus musculus (Mouse)*, *Rattus norvegicus (Rat)*, *Bos taurus; Bovine (Cattle)*

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;Mouse;Rat

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant STAT3 (Ala135~Gln279) expressed in *E.coli*

Accession No.: RPB743Mi03

[APPLICATIONS]

Western blotting: 0.01-2μg/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.

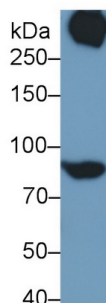
Store at 4°C for frequent use.

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

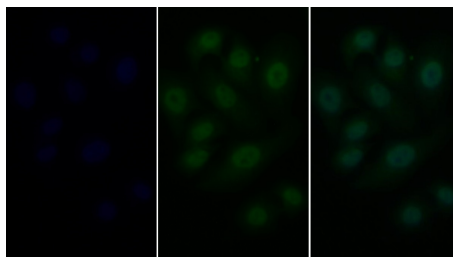
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

[IDENTIFICATION]

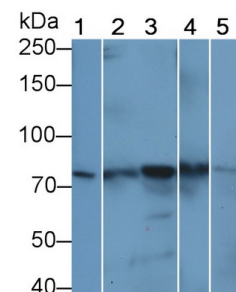


Western Blot; Sample: Rat Serum
 Primary Ab: 0.1µg/ml Rabbit Anti-Multi-species STAT3 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

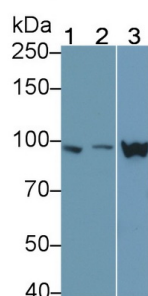


FITC staining on IF; Sample: Human

Hela cell; Primary Ab: 20ug/ml Rabbit Anti-Multi-species STAT3 Antibody
 Second Ab: 2?g/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb18)



Western Blot; Sample: Lane1: Human Serum; Lane2: Human Plasma; Lane3: Human Lung lysate; Lane4: Hela cell lysate; Lane5: Rat Cerebrum lysate
 Primary Ab: 2?g/ml Rabbit Anti-Multi-species STAT3 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Mouse Lung lysate; Lane2: Mouse Cerebrum lysate; Lane3: Hela cell lysate
 Primary Ab: 0.1µg/ml Rabbit Anti-Multi-species STAT3 Antibody
 Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

[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.