

PAB870Hu01

Polyclonal Antibody to Tubulin Beta (TUBb)

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: 10µL

Cross Reactivity: Mouse;Rat;Cavia;Canine;Porcine;Bovine;Caprine;Ovine;Equine;Gallus

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant TUBb (Val170~Val419) expressed in *E.coli*

Accession No.: RPB870Hu01

[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.

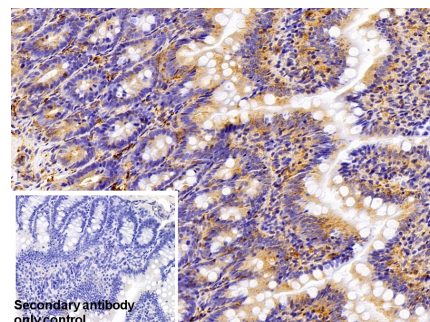
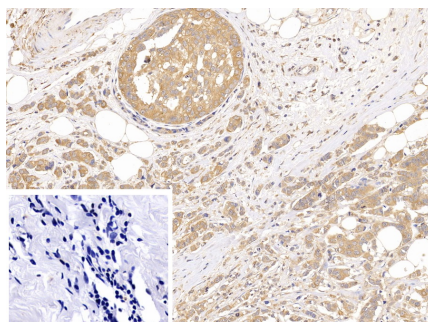
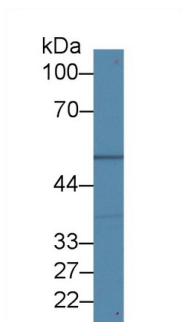
Store at 4°C for frequent use.

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]



Western Blot; Sample: Rat Liver lysate; DAB staining on IHC-P; Sample: Human

Primary Ab: 1µg/ml Rabbit Anti-Human

TUBb Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

Breast cancer Tissue Primary Ab:

10µg/ml Rabbit Anti-Human TUBb

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: Rat Colon Tissue

Primary Ab: 10µg/ml Rabbit Anti-

Human TUBb Antibody

Control: Used PBS instead of primary

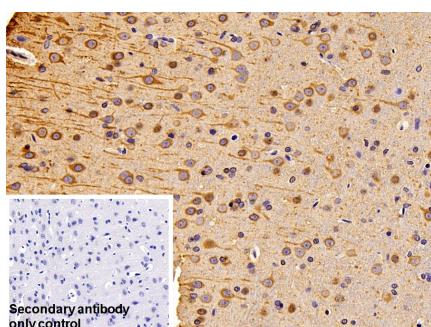
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Rat Cerebrum Tissue

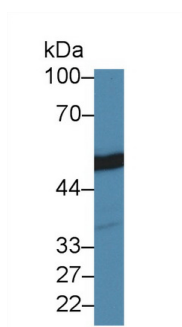
Primary Ab: 10µg/ml Rabbit Anti-

Human TUBb Antibody

Control: Used PBS instead of primary

antibody

Second Ab: 2µg/ml HRP-Linked



Western Blot; Sample: Mouse

Cerebrum lysate;

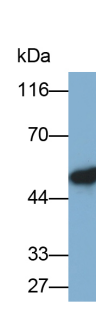
Primary Ab: 1µg/ml Rabbit Anti-Human

TUBb Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody



Western Blot; Sample: Hela cell lysate

Primary Ab: 0.1µg/ml Rabbit Anti-

Human TUBb Antibody

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

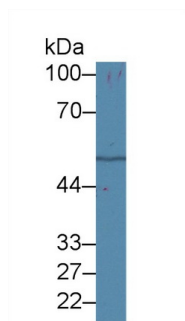
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Caprine Anti-Rabbit IgG Polyclonal

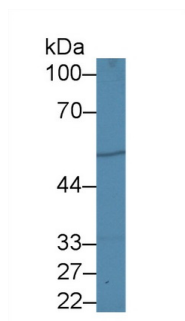
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Antibody

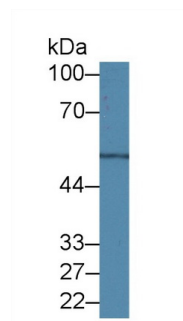
(Catalog: SAA544Rb19)



Western Blot; Sample: Rat Kidney
lysate;



Western Blot; Sample: Mouse Liver
lysate;



Western Blot; Sample: Mouse Kidney
lysate;

Primary Ab: 1µg/ml Rabbit Anti-Human

Primary Ab: 1µg/ml Rabbit Anti-Human

Primary Ab: 1µg/ml Rabbit Anti-Human

TUBb Antibody

TUBb Antibody

TUBb Antibody

Second Ab: 0.2µg/mL HRP-Linked

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Caprine Anti-Rabbit IgG Polyclonal

Caprine Anti-Rabbit IgG Polyclonal

Caprine Anti-Rabbit IgG Polyclonal

Antibody

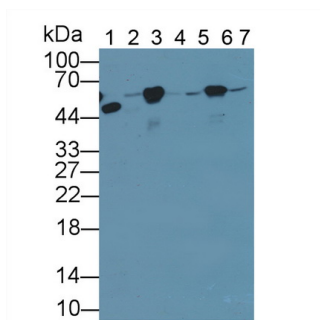
Antibody

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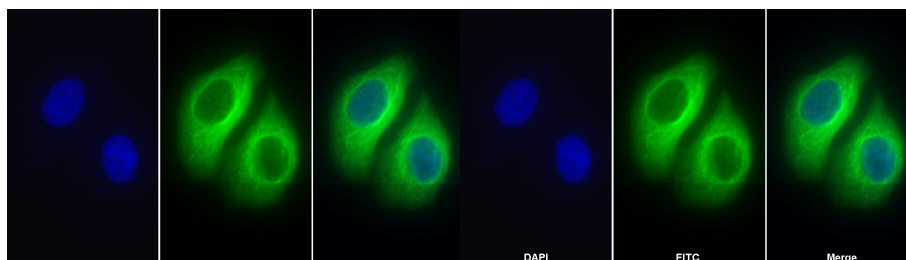
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Western Blot; Sample: Lane1: Mouse
Heart lysate; Lane4: Porcine Liver
lysate; Lane5: Porcine Cerebrum
lysate; Lane6: Porcine Heart lysate;
Lane7: Bovine Liver lysate; Lane8:
Bovine Cerebrum lysate; Lane9: Bovine
Heart lysate

Primary Ab: 1.5µg/mL Rabbit Anti-
Human TUBb Ab

Second Ab: 0.2µg/mL HRP-Linked



FITC staining on IF;

FITC staining on IF;

Sample: Human Hela cell;

Sample: Hela cell

Primary Ab: 20µg/ml Rabbit Anti-
Human TUBb Antibody

Primary Ab: 20µg/ml Rabbit Anti-
Human TUBb Antibody

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

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

Antibody

Antibody

(Catalog: SAA544Rb18)

(Catalog: SAA544Rb11)

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.