

PAD390Hu01

Polyclonal Antibody to Cytoplasmic Antiproteinase 3 (CAP3)

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

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant CAP3 (Met1~Pro376) expressed in *E.coli*

Accession No.: RPD390Hu01

[APPLICATIONS]

Western blotting: 0.01-3μg/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.

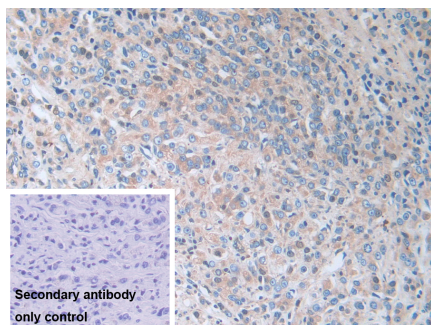
Store at 4°C for frequent use.

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]

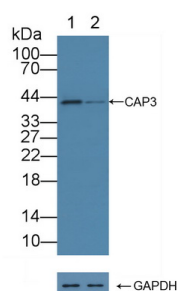


DAB staining on IHC-P;

Samples: Human Prostate cancer
Tissue;

Primary Ab: 10µg/ml Rabbit Anti-
Human CAP3 Antibody

Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type K562 cell lysate;
Lane 2: CAP3 knockout K562 cell
lysate;

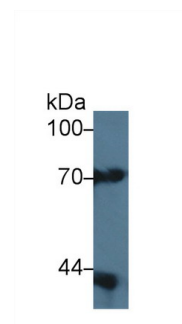
Predicted MW: 42kd

Observed MW: 42kd

Primary Ab: 3µg/ml Rabbit Anti-Human
CAP3 Antibody

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

(Catalog: SAA544Rb19)

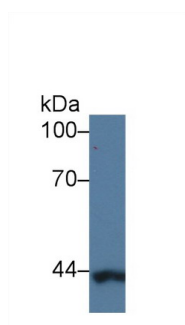


Western Blot; Sample: Mouse Placenta
lysate;

Primary Ab: 3µg/ml Rabbit Anti-Human
CAP3 Antibody

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

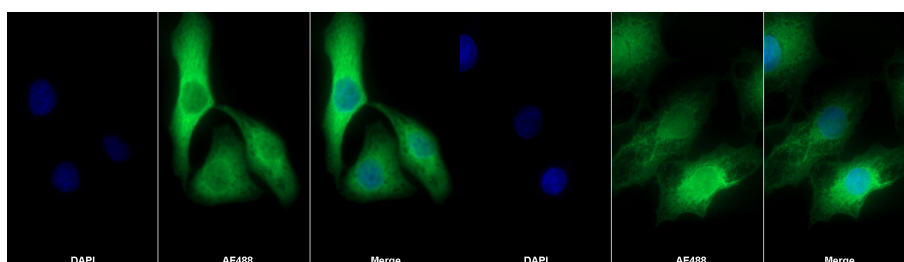
(Catalog: SAA544Rb19) Selected



Western Blot; Sample: K562 cell lysate;

Primary Ab: 3µg/ml Rabbit Anti-Human
CAP3 Antibody

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



AF488 staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Rabbit Anti-
Human CAP3 Antibody

Second Ab: 2?g/ml AF488-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

AF488 staining on IF;

Sample: A549 cell

Primary Ab: 20µg/ml Rabbit Anti-
Human CAP3 Antibody

Second Ab: 2?g/ml AF488-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

Antibody

(Catalog: SAA544Rb11)

(Catalog: SAA544Rb11)

(Catalog: SAA544Rb19) Selected

[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.