



CAA591Hu22

Anti-Proliferating Cell Nuclear Antigen (PCNA) Monoclonal Antibody

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY

3rd Edition (Revised in Sep, 2019)

[PROPERTIES]

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A/G Affinity Chromatography

Clone number: B3D5

Traits: Liquid

Concentration: 1mg/mL

Species reactivity: Human, Mouse, Rat, Rabbit, Porcine, Bovine, Canine, Caprine, Ovine

UOM: 100µl

Applications: Loading Control of WB

[IMMUNOGEN]

Immunogen: Recombinant PCNA (Leu6~Ser261) expressed in E.coli.

Accession No.: RPA591Mi01

[APPLICATIONS]

Western blotting: 1/10000-1/10000000 (0.1ng/ml-100ng/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.

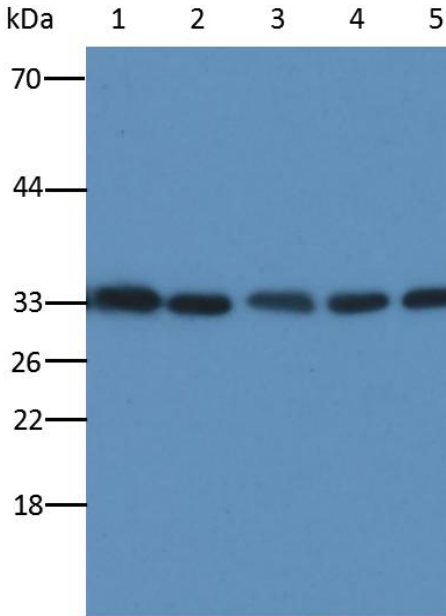
Store at 4°C for frequent use.

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 antibody 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 analysis of PCNA in various cell lines

Lane1: HL60 whole cell lysate

Lane2: MDA-MB-435S whole cell lysate

Lane3: T-47D whole cell lysate

Lane4: HepG2 whole cell lysate

Lane5: HEC-1B whole cell lysate

Lysates/proteins at 20µg per lane.

Primary Ab: anti-PCNA antibody (CAA591Hu22) at
0.1ng/ml

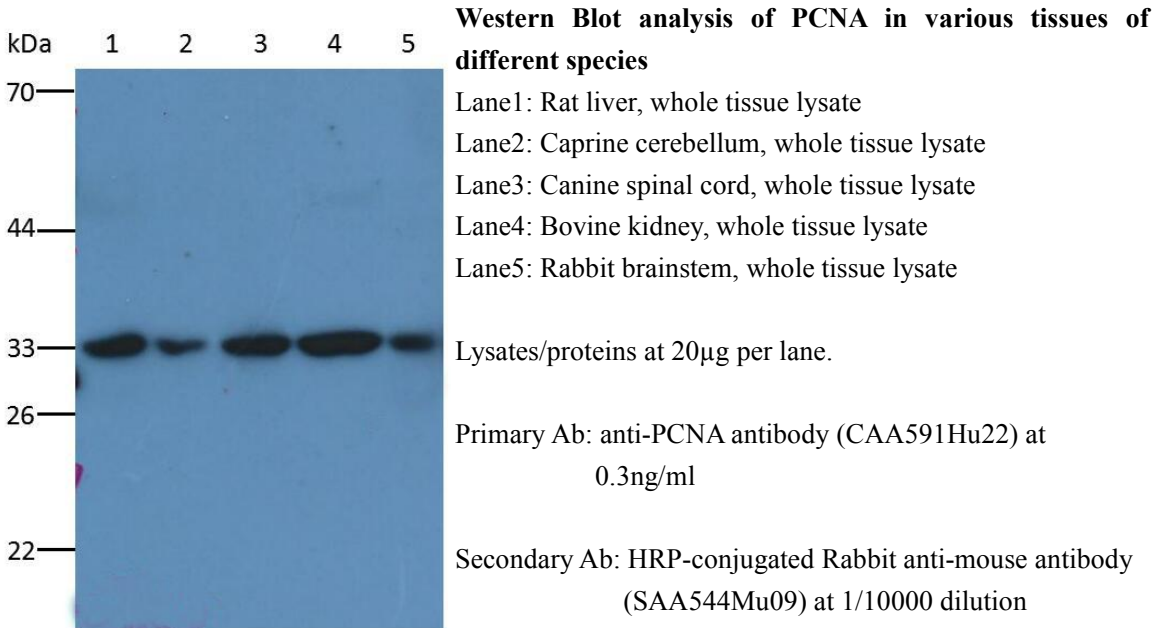
Secondary Ab: HRP-conjugated Rabbit anti-mouse antibody
(SAA544Mu09) at 1/10000 dilution

Developed using the ECL technique

Calculated MW: 29KD

Observed MW: 33KD

Exposure time: 1 min



Developed using the ECL technique

Calculated MW: 29KD

Observed MW: 33KD

Exposure time: 1 min