PAJ419Hu01

Polyclonal Antibody to Calponin 1, Basic (CNN1)

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: 100µl

Cross Reactivity: Mouse; Rat; Canine; Porcine.

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant CNN1 (Met1~Tyr268) expressed in *E.coli*

Accession No.: RPJ419Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/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.

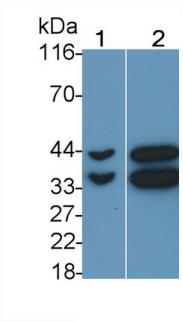
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

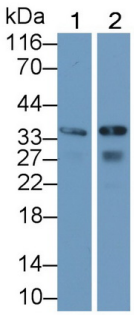
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

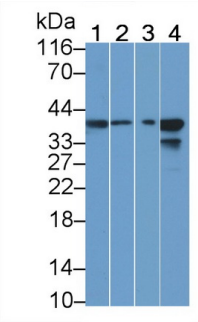
[IDENTIFICATION]



Western Blot; Sample: Lane1: MCF7 cell lysate; Lane2: U2OS cell lysate
Primary Ab: 0.5µg/ml Rabbit Anti-Human CNN1 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Porcine Uterus lysate; Lane2: Rat Uterus lysate
Primary Ab: 0.03µg/ml Rabbit Anti-Human CNN1 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Mouse Bladder lysate; Lane2: Rat Bladder lysate; Lane3: Porcine Bladder lysate; Lane4: Canine Bladder lysate
Primary Ab: 0.004µg/ml Rabbit Anti-Human CNN1 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
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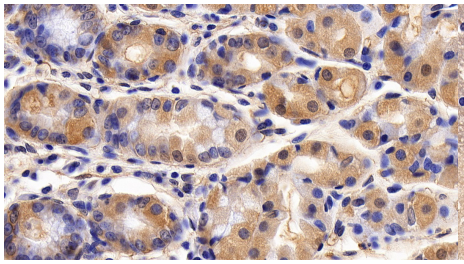
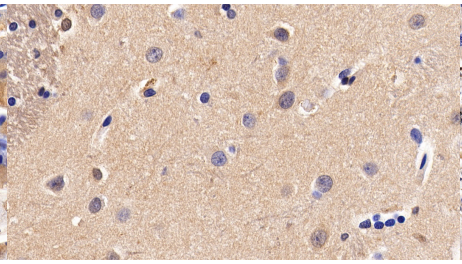
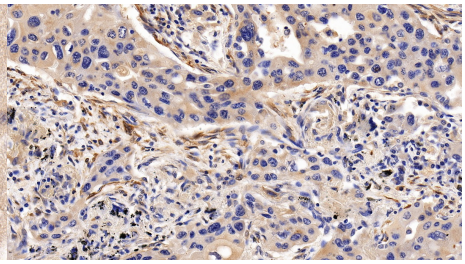


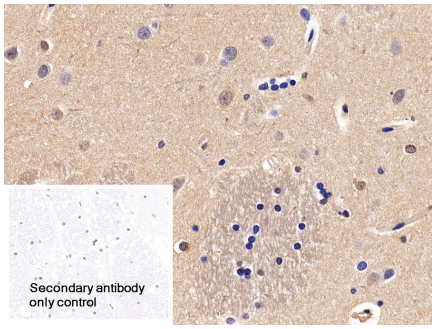
DAB staining on IHC-P;
Sample: Human Stomach Tissue;
Primary Ab: 20ug/ml Rabbit Anti-Human CNN1 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



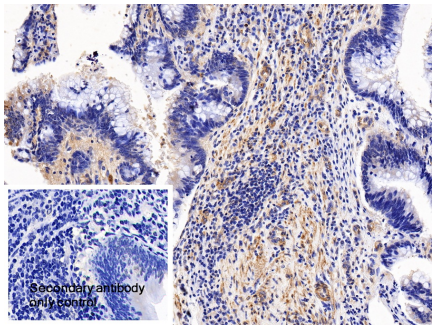
DAB staining on IHC-P;
Sample: Human Cerebrum Tissue;
Primary Ab: 20ug/ml Rabbit Anti-Human CNN1 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



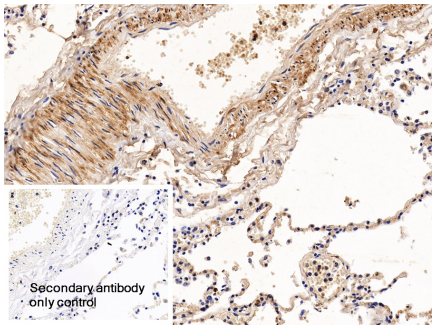
DAB staining on IHC-P;
Sample: Human Lung cancer Tissue;
Primary Ab: 20ug/ml Rabbit Anti-Human CNN1 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Human Cerebrum Tissue
Primary Ab: 20µg/ml Rabbit Anti-Human CNN1 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: Human Colorectal cancer Tissue
Primary Ab: 20µg/ml Rabbit Anti-Human CNN1 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: Human Lung Tissue
Primary Ab: 20µg/ml Rabbit Anti-Human CNN1 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 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.