MAA280Hu23

Monoclonal Antibody to Calnexin (CNX)

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: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C2

Traits: Liquid

Concentration: 1mg/ml

UOM: 100µl

Cross Reactivity: Rat;Canine;Porcine;Bovine

Applications: WB,IHC,ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant CNX (Thr239~Ala461) expressed in *E.coli*

Accession No.: RPA280Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-40µg/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.

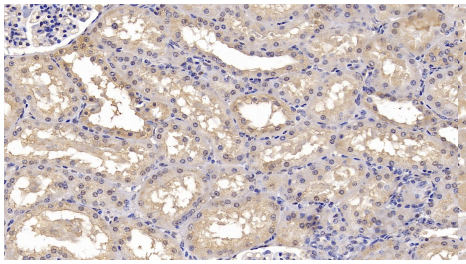
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

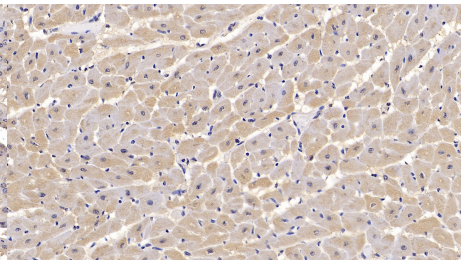
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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.

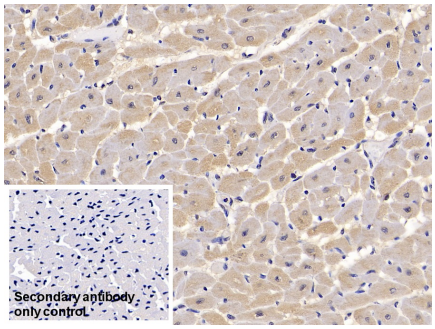
[IDENTIFICATION]



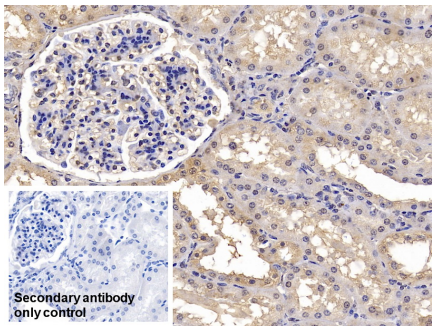
DAB staining on IHC-P; Sample: Human Kidney Tissue; Primary Ab: 10μg/ml Mouse Anti-Human CNX Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



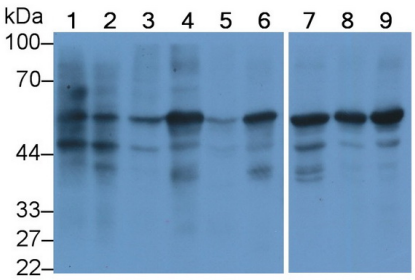
DAB staining on IHC-P;
Sample: Human Cardiac Muscle Tissue;
Primary Ab: 10μg/ml Mouse Anti-Human CNX Antibody
Second Ab: 2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)



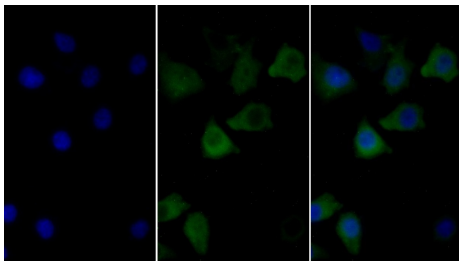
DAB staining on IHC-P;
Sample: Human Cardiac Muscle Tissue
Primary Ab: 10μg/ml Mouse Anti-Human CNX Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2μg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)



DAB staining on IHC-P;
Sample: Human Kidney Tissue
Primary Ab: 10μg/ml Mouse Anti-Human CNX Antibody
Control: Used PBS instead of primary antibody



Western Blot; Sample: Lane1: Human Lung lysate; Lane2: A549 cell lysate; Lane3: Porcine Lung lysate; Lane4: Porcine Cerebrum lysate; Lane5: Rat Lung lysate; Lane6: Rat Cerebrum lysate; Lane7: Canine Cerebrum lysate;

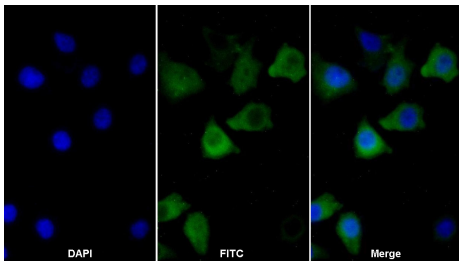


FITC staining on IF;
Samples: Human HepG2 cell;
Primary Ab: 40μg/ml Mouse Anti-Human CNX Antibody
Second Ab: 1μg/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

Second Ab: 2μg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

Lane8: Bovine Lung lysate; Lane9: Bovine Cerebrum lysate
Primary Ab: 2?g/ml Mouse Anti-Human CNX Antibody
Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

(Catalog: SAA544Mu18)



FITC staining on IF;
Sample: HepG2 cell
Primary Ab: 40μg/ml Mouse Anti-Human CNX Antibody
Second Ab: 2μg/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu11)

[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.