

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;

Immunofluorescence: 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.

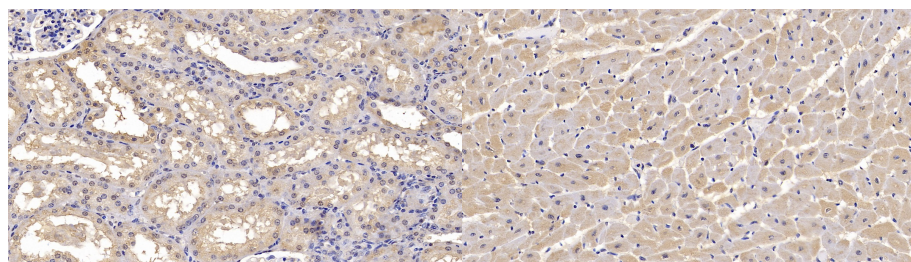
Store at 4°C for frequent use.

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

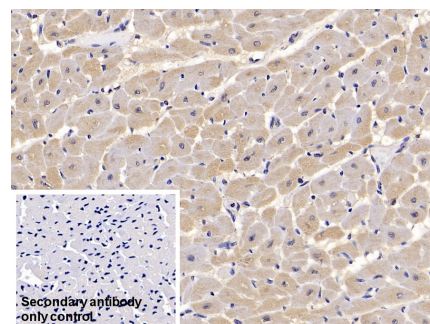
by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

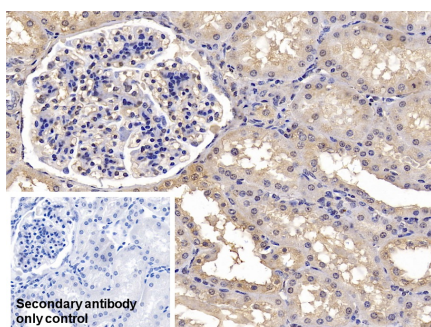


DAB staining on IHC-P; Sample:
Human Kidney Tissue; Primary Ab:
10µg/ml Mouse Anti-Human CNX
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Mouse IgG
Polyclonal Antibody (Catalog:
SAA544Mu19)

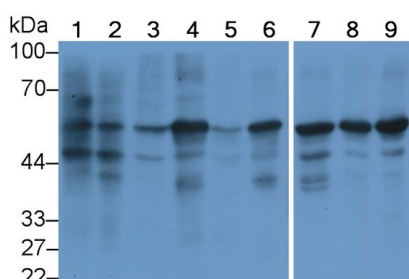
DAB staining on IHC-P;
Sample: Human Cardiac Muscle
Tissue;
Primary Ab: 10µg/ml Mouse Anti-
Human CNX Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



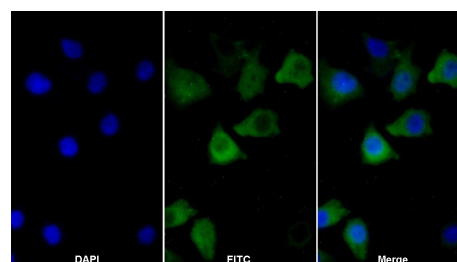
DAB staining on IHC-P;
Sample: Human Cardiac Muscle Tissue
Primary Ab: 10µg/ml Mouse Anti-
Human CNX Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



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;
Sample: HepG2 cell
Primary Ab: 40µg/ml Mouse Anti-
Human CNX Antibody
Second Ab: 2µg/ml FITC-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody

Second Ab: 2µg/ml HRP-Linked	Lane8: Bovine Lung lysate; Lane9:	(Catalog: SAA544Mu11)
Caprine Anti-Mouse IgG Polyclonal	Bovine Cerebrum lysate	
Antibody	Primary Ab: 2?g/ml Mouse Anti-Human	
(Catalog: SAA544Mu19)	CNX Antibody	
	Second Ab: 0.2µg/mL HRP-Linked	
	Caprine Anti-Mouse IgG Polyclonal	
	Antibody	
	(Catalog: SAA544Mu19)	

[**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.