MAA280Hu22

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: C8

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 50μg(100μL)

Cross Reactivity: Mouse;Rat;Rabbit;Canine;Porcine;Bovine;Caprine;Ovine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

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

Accession No.: RPA280Hu01

[APPLICATIONS]

Western blotting: 0.01-4μg/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 PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

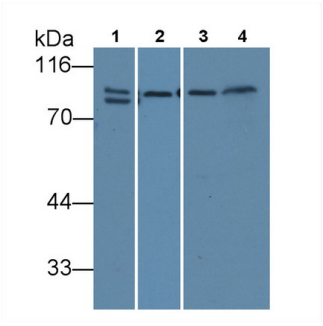
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

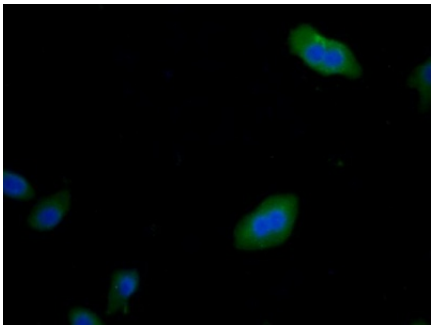
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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.

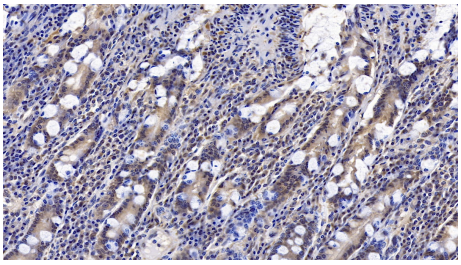
[IDENTIFICATION]



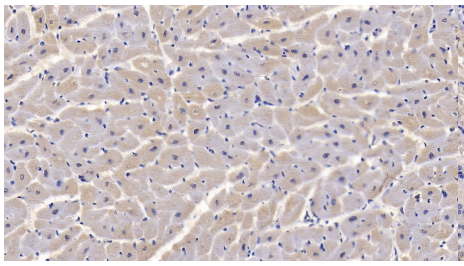
Western Blot; Sample: Lane1: Human Liver lysate; Lane2: Mouse Cerebrum lysate; Lane3: MCF7 cell lysate; Lane4: A375 cell lysate Primary Ab: 4?g/ml Mouse Anti-Human CNX Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



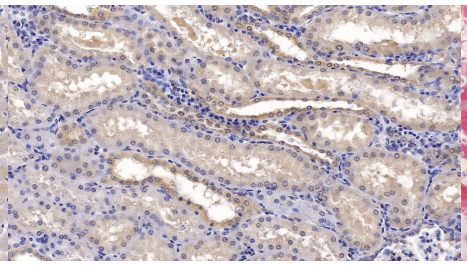
FITC staining on IF; Samples: Human HepG2 Cells; Primary Ab: 40µg/ml Mouse Anti-Human CNX Antibody Second Ab: 1µg/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu18)



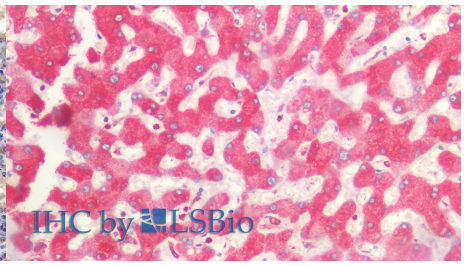
DAB staining on IHC-P; Sample: Human Small intestine Tissue; Primary Ab: 10µg/ml Mouse Anti-Human CNX Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



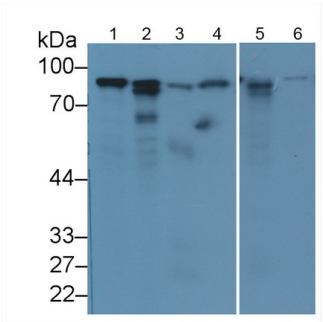
DAB staining on IHC-P; Sample: Human Cardiac Muscle Tissue; Primary Ab: 10µg/ml Mouse Anti-Human CNX Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Sample: Human 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)



Vector Red staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 10µg/ml Mouse Anti-Human CNX Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Monoclonal Antibody

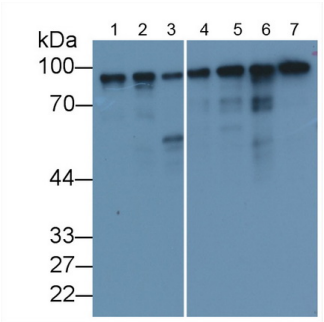


Western Blot; Sample: Lane1: Human Lung lysate; Lane2: A549 cell lysate; Lane3: Mouse Lung lysate; Lane4: Mouse Cerebrum lysate; Lane5: Rat Lung lysate; Lane6: Rat Cerebrum lysate

Primary Ab: 1?g/ml Mouse Anti-Human CNX Antibody

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

(Catalog: SAA544Mu19)

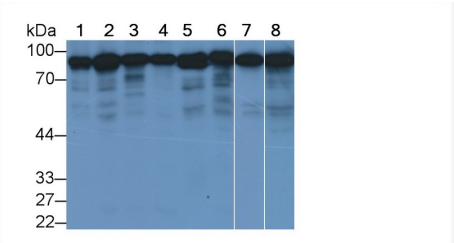


Western Blot; Sample: Lane1: Porcine Lung lysate; Lane2: Porcine Cerebrum lysate; Lane3: Rabbit Lung lysate; Lane4: Bovine Lung lysate; Lane5: Bovine Cerebrum lysate; Lane6: Canine Lung lysate; Lane7: Canine Cerebrum lysate

Primary Ab: 1?g/ml Mouse Anti-Human CNX Antibody

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

(Catalog: SAA544Mu19)



Western Blot; Sample: Lane1: Porcine Cerebrum lysate; Lane2: Bovine Lung lysate; Lane3: Bovine Cerebrum lysate; Lane4: Caprine Lung lysate; Lane5: Caprine Cerebrum lysate; Lane6: Canine Lung lysate; Lane7: Canine Cerebrum lysate; Lane8: Rabbit Lung lysate

Primary Ab: 1?g/ml Mouse Anti-Human 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.