PAB101Hu01

Polyclonal Antibody to Nucleoporin 50kDa (NUP50)

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: N/A

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant NUP50 (Asn37~Ala269) expressed in *E.coli*

Accession No.: RPB101Hu01

[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 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]

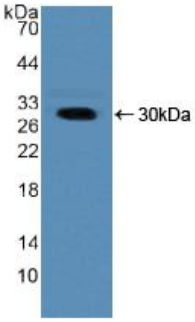
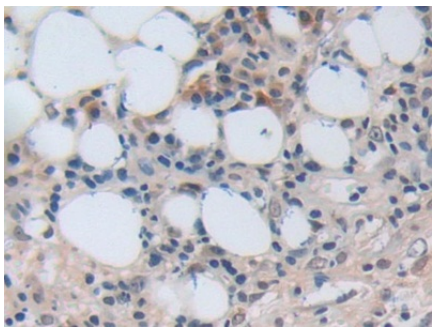
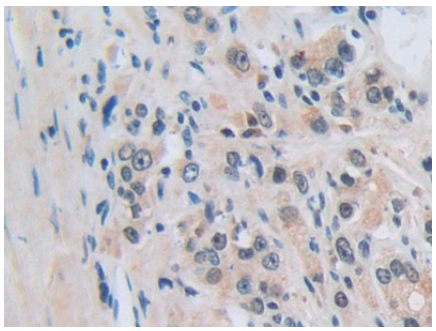


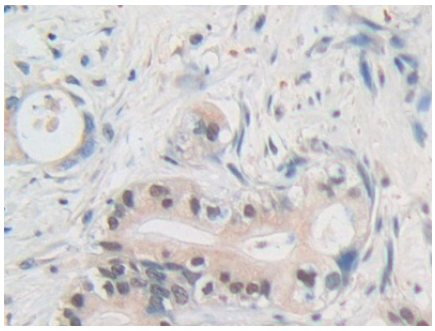
Figure. Western Blot; Sample: Recombinant NUP50, Human.



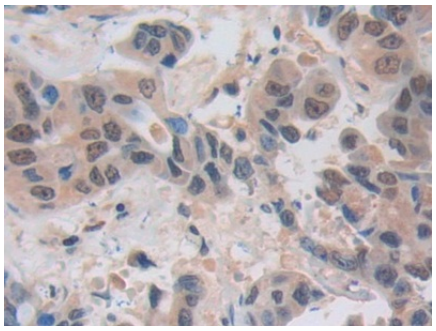
DAB staining on IHC-P; Samples: Human Skin cancer Tissue; Primary Ab: 10μg/ml Rabbit Anti-Human NUP50 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



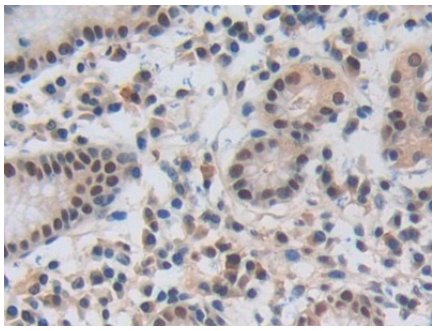
DAB staining on IHC-P; Samples: Human Prostate cancer Tissue; Primary Ab: 10μg/ml Rabbit Anti-Human NUP50 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Human Bile duct cancer Tissue; Primary Ab: 10μg/ml Rabbit Anti-Human NUP50 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

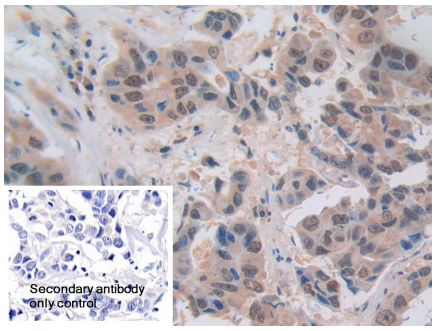


DAB staining on IHC-P; Samples: Human Breast cancer Tissue; Primary Ab: 10μg/ml Rabbit Anti-Human NUP50 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

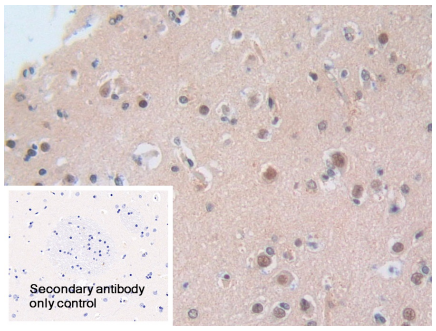


DAB staining on IHC-P; Samples: Human Stomach Tissue; Primary Ab: 10μg/ml Rabbit Anti-Human NUP50 Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

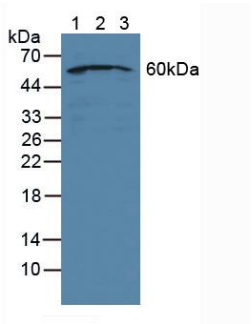
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Human Breast cancer Tissue
Primary Ab: 10μg/ml Rabbit Anti-Human NUP50 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 Cerebrum Tissue
Primary Ab: 10μg/ml Rabbit Anti-Human NUP50 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2μg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Jurkat cell lysate; Lane2: Hela cell lysate; Lane3: HepG2 cell lysate;
Primary Ab: 5μg/ml Rabbit Anti-Human NUP50 Antibody
Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

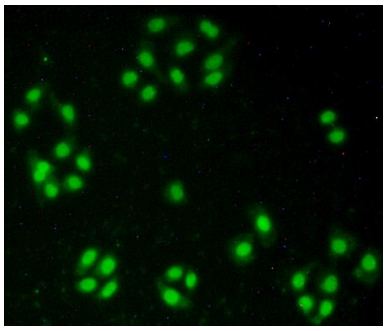


Figure: FITC staining on IHC-P;
Sample: Hela cells.

[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.