

PAB127Hu01

Polyclonal Antibody to Deoxyribonuclease I (DNASE1)

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

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant DNASE1 (Gly19~Ala259) expressed in *E.coli*

Accession No.: RPB127Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 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.

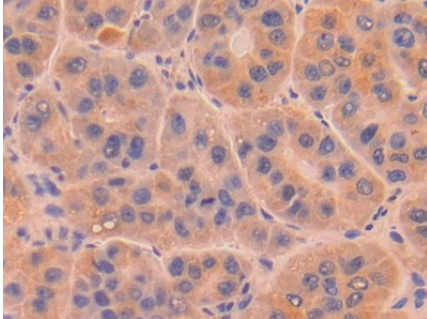
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

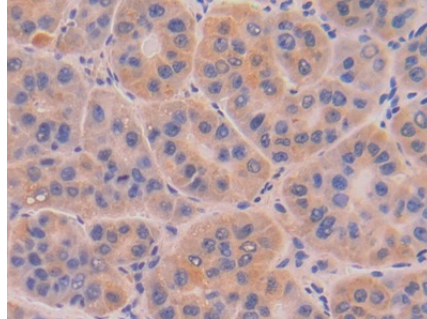
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

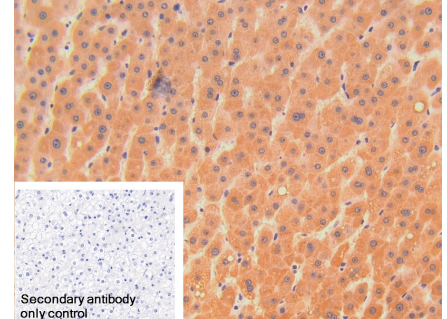
[IDENTIFICATION]



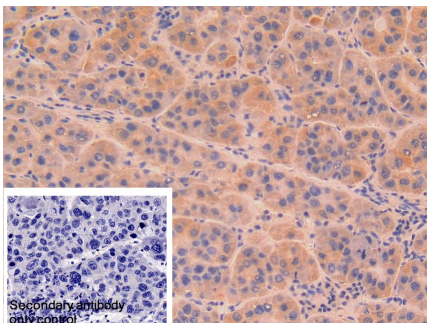
DAB staining on IHC-P; Samples:
Human Liver Tissue; Primary Ab:
20µg/ml Rabbit Anti-Human DNASE1
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



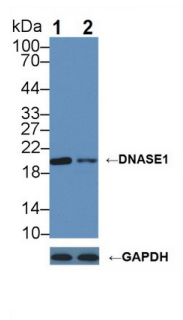
DAB staining on IHC-P;
Samples: Human Liver cancer Tissue;
Primary Ab: 20µg/ml Rabbit Anti-
Human DNASE1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



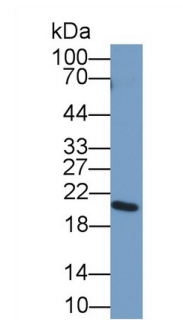
DAB staining on IHC-P;
Sample: Human Liver Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human DNASE1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Human Liver cancer Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human DNASE1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody



Knockout Varification:
Lane 1: Wild-type 293T cell lysate;
Lane 2: DNASE1 knockout 293T cell
lysate;
Predicted MW: 20,31kDa
Observed MW: 20kDa
Primary Ab: 2µg/ml Rabbit Anti-Human
DNASE1 Antibody
Second Ab: 0.2µg/mL HRP-Linked



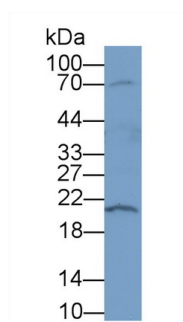
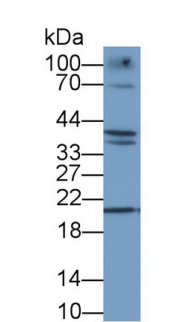
Western Blot; Sample: Human 293T
cell lysate;
Primary Ab: 2µg/ml Rabbit Anti-Human
DNASE1 Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Mouse Stomach lysate; Western Blot; Sample: Mouse Colon

lysate;

lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human DNASE1 Antibody Primary Ab: 2µg/ml Rabbit Anti-Human

DNASE1 Antibody

DNASE1 Antibody

Second Ab: 0.2µg/mL HRP-Linked

Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Caprine Anti-Rabbit IgG Polyclonal

Antibody

Antibody

(Catalog: SAA544Rb19)

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[**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.