

PAB810Hu01

Polyclonal Antibody to Vitamin D Binding Protein (DBP)

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; FCM

[IMMUNOGEN]

Immunogen: Recombinant DBP (Glu18~Leu211) expressed in *E.coli*

Accession No.: RPB810Hu01

[APPLICATIONS]

Western blotting: 0.01-2?g/mL;

Immunohistochemistry: 5-20?g/mL;

Flow cytometry: 20?g/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.

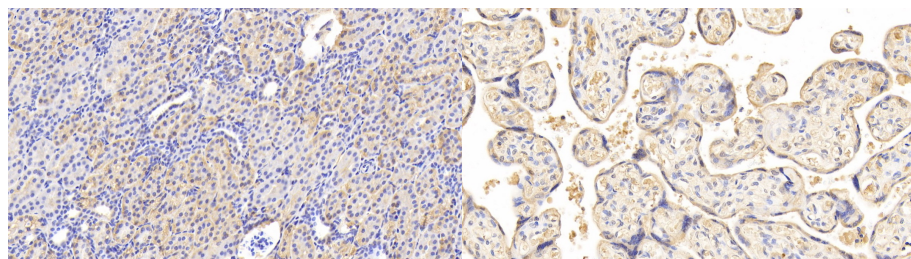
Store at 4°C for frequent use.

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

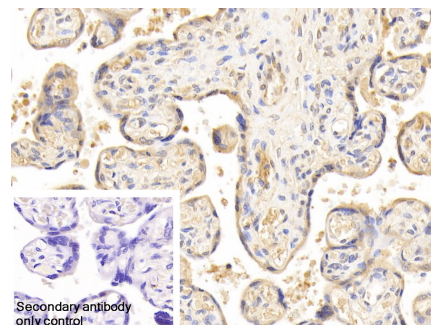
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

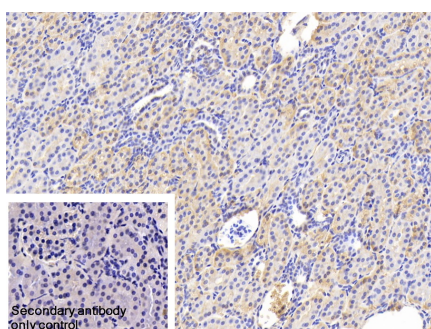


DAB staining on IHC-P; Samples:
Human Kidney Tissue; Primary Ab:
20 μ g/ml Rabbit Anti-Human DBP
Antibody Second Ab: 2 μ g/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)

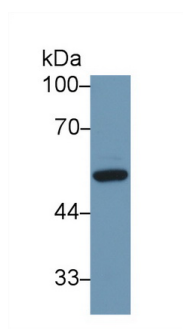
DAB staining on IHC-P;
Samples: Human Placenta Tissue;
Primary Ab: 20 μ g/ml Rabbit Anti-
Human DBP Antibody
Second Ab: 2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



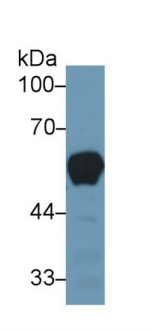
DAB staining on IHC-P;
Sample: Human Placenta Tissue
Primary Ab: 20 μ g/ml Rabbit Anti-
Human DBP Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2 μ g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Human Kidney Tissue
Primary Ab: 20 μ g/ml Rabbit Anti-
Human DBP Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2 μ g/ml HRP-Linked



Western Blot; Sample: Mouse Liver
lysate;
Primary Ab: 1 μ g/ml Rabbit Anti-Human
DBP Antibody
Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody



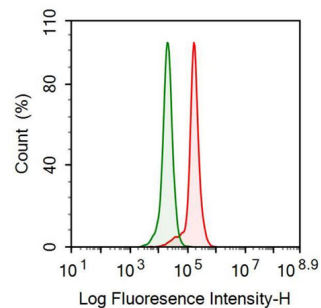
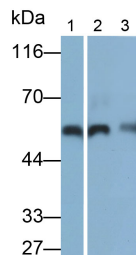
Western Blot; Sample: Human Serum;
Primary Ab: 1 μ g/ml Rabbit Anti-Human
DBP Antibody
Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal

(Catalog: SAA544Rb19)

Antibody

(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Mouse Liver lysate; Lane2: LO2 cell lysate; Lane3: Human Lung lysate;
 Primary Ab: 0.1µg/ml Rabbit Anti-Human DBP Antibody
 Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
 (Catalog: SAA544Rb19)

Human NB-4 cell line was fixed with 2% paraformaldehyde (10 min) , permeabilised with 0.1% BSA-Triton X-100, then stained with 20µg/ml rabbit Anti-human DBP Polyclonal Antibody (Catalog PAB810Hu01, red histogram) or Isotype control antibody (Catalog IS067-Rb01, green histogram), followed by 1µg/ml FITC-conjugated Anti-rabbit IgG Secondary Antibody (Catalog SAA544Rb18).

[**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.