# abcam

### Product datasheet

## Native Human Vitamin D Binding protein ab90920

#### 画像数 2

製品の詳細

製品名 Native Human Vitamin D Binding protein

精製度 > 95 % SDS-PAGE.

**発現系** Native

タンパク質長 Full length protein

Animal free No
由来 Native

生物種 Human

配列の追加情報 Source: Human plasma.

#### 特性

Our <u>Abpromise guarantee</u> covers the use of ab90920 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション SDS-PAGE

Western blot

製品の状態 Lyophilized

備考 Protein Determination: Extinction Coefficient (E) 0.1% at 280nm, 1cm pathway = 0.63. Prepared

from plasma shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1

& 2 by FDA approved tests.

#### 前処理および保存

保存方法および安定性 Shipped at 4°C. Store at -20°C.

pH: 7.40

Constituents: 0.284% Dibasic monohydrogen sodium phosphate, 0.87% Sodium chloride

再構成 Reconstitute with deionized water to pre-lyophilized volume.

#### 関連情報

1

機能 Multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid, and urine and on the

surface of many cell types. In plasma, it carries the vitamin D sterols and prevents polymerization of actin by binding its monomers. DBP associates with membrane-bound immunoglobulin on the

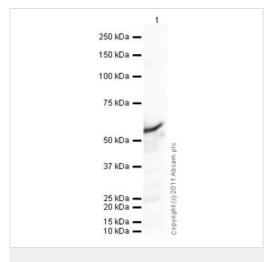
surface of B-lymphocytes and with IgG Fc receptor on the membranes of T-lymphocytes.

**配列類似性** Belongs to the ALB/AFP/VDB family.

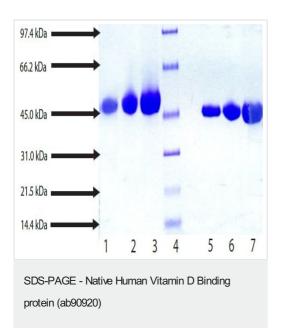
Contains 3 albumin domains.

細胞内局在 Secreted.

#### 画像



Western blot - Native Human Vitamin D Binding protein (ab90920)



Anti-Vitamin D Binding protein antibody (<u>ab65636</u>) at 1 μg/ml + Native Human Vitamin D Binding protein (ab90920) at 0.01 μg

#### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 1 minute

4-12% Bis-Tris-HCI NuPAGE gel

- 1. GC Globulin 5 µg (reduced / heated)
- 2. GC Globulin 10 µg (reduced / heated)
- 3. GC Globulin 20 µg (reduced / heated)
- 4. LMW Standard
- 5. GC Globulin 5 µg (non-reduced / no heat)
- 6. GC Globulin 10 µg (non-reduced / no heat)
- 7. GC Globulin 20 µg (non-reduced / no heat)

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