

## Rabbit anti-Human Vitamin D-binding protein Polyclonal Antibody | anti-GC antibody

Rabbit anti-human Vitamin D-binding protein polyclonal Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA229381</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

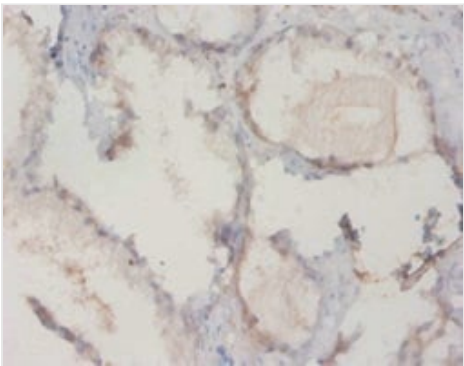
### PRODUCT SYNONYMS

Vitamin D-binding protein; Polyclonal Antibody; Rabbit anti-human Vitamin D-binding protein polyclonal Antibody; DBP; VDB; Gc protein-derived macrophage activating factor; Gc-MAF; GcMAF; Gc-globulin; Group-specific component; Gc; Vitamin D-binding protein-macrophage activating factor; DBP-maf; GC; anti-GC antibody

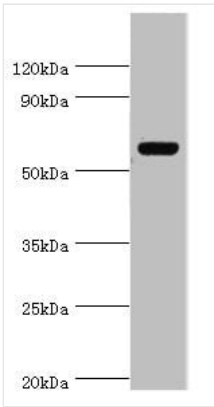
### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                         |
| Reactivity                                   | Human                                                                                                          |
| Clonality                                    | Polyclonal                                                                                                     |
| Isotype                                      | IgG                                                                                                            |
| Purity/Purification                          | Caprylic Acid Ammonium Sulfate Precipitation purified                                                          |
| Form/Format                                  | Liquid                                                                                                         |
| Sequence Length                              | 474                                                                                                            |
| Applicable Applications for anti-GC antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Immunogen                                    | Recombinant human Vitamin D-binding protein                                                                    |
| Conjugation                                  | Non-conjugated                                                                                                 |
| Storage Buffer                               | Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                 |
| Santa Cruz Alternative                       | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-18704 / sc-18705 / sc-18706 / sc-32899 |
| Preparation and Storage                      | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of paraffin-embedded human prostate using AAA229381 at dilution 1:20



**WB (Western Blot)**  
Western blotAll lanes: Vitamin D-binding protein antibody at 2ug/ml+A549 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 53,40,56 kDaObserved band size: 53 kDa

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GC antibody | 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.<br><br>This protein belongs to the albumin gene family. It is a multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and on the surface of many cell types. It binds to vitamin D and its plasma metabolites and transports them to target tissues. |
| Product Categories/Family for anti-GC antibody   | Transport                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 32483410                                               |
| NCBI GeneID                      | 2638                                                   |
| NCBI Accession #                 | NP_000574.2                                            |
| NCBI GenBank Nucleotide #        | NM_000583.3                                            |
| UniProt Accession #              | P02774; Q16309; Q16310; Q53F31; Q6GTG1; B4DPP2; D6RAK8 |
| Molecular Weight                 | 55,123 Da                                              |
| NCBI Official Full Name          | vitamin D-binding protein isoform 1                    |
| NCBI Official Synonym Full Names | group-specific component (vitamin D binding protein)   |
| NCBI Official Symbol             | GC                                                     |
| NCBI Official Synonym Symbols    | DBP; GRD3; VDBG; VDBP; GcMAF; DBP/GC; Gc-MAF; HEL-S-51 |
| NCBI Protein Information         | vitamin D-binding protein                              |
| UniProt Protein Name             | Vitamin D-binding protein                              |
| UniProt Gene Name                | GC                                                     |
| UniProt Synonym Gene Names       | DBP-maf                                                |
| UniProt Entry Name               | VTDB_HUMAN                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/vitamin-d-binding-protein-antibody-immunohistochemistry-western-blot-elisa/229381>