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

Rabbit anti-human Vitamin D-binding protein polyclonal Antibody(GC)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA119538** | **Rabbit** | **Human, Mouse** | **Immunohistochemistry, Western Blot, ELISA** |

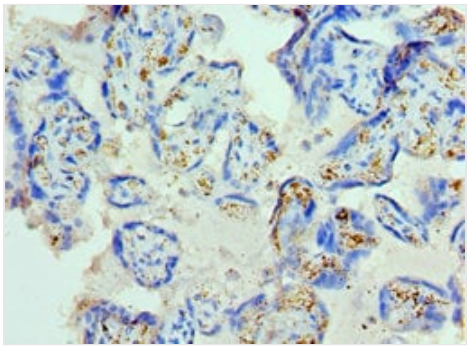
## PRODUCT SYNONYMS

Vitamin D-binding protein; Polyclonal Antibody; Rabbit anti-human Vitamin D-binding protein polyclonal Antibody(GC); DBP; VDB; Gc-globulin; Group-specific component; anti-GC antibody

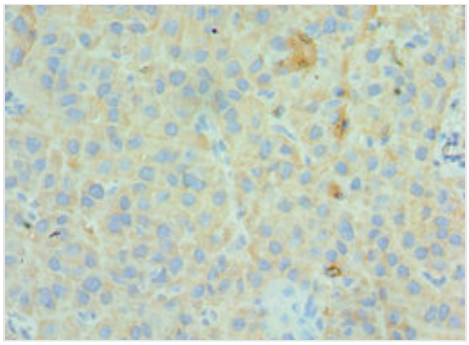
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Antigen Affinity Purified |
| **Form/Format** | Liquid |
| **Sequence Length** | 474 |
| **Applicable Applications for anti-GC antibody** | IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| **Storage Buffer** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Conjugate** | Non-conjugated |
| **Immunogen** | Recombinant human Vitamin D-binding protein (305-474aa) |
| **Immunogen Species** | Homo sapiens (Human) |
| **Research Area** | Signal Transduction!Santa Cruz Alternative |
| **Preparation and Storage** | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

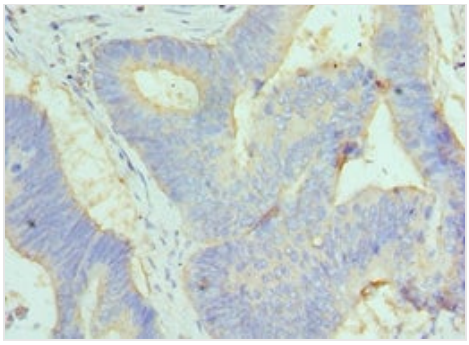
## IMAGES



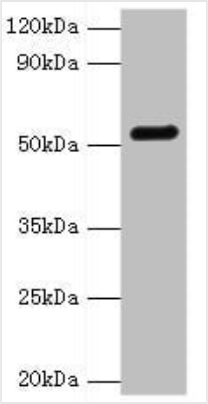
**IHC (Immunohistochemistry)**
Immunohistochemistry of paraffin-embedded human placenta using AAA119538 at dilution 1:100



**IHC (Immunohistochemisry)**
Immunohistochemistry of paraffin-embedded human liver cancer using AAA119538 at dilution 1:100



**IHC (Immunohiostchemistry)**
Immunohistochemistry of paraffin-embedded human colon cancer using AAA119538 at dilution 1:100




**WB (Western Blot)**
Western blotAll lanes: GC antibody at 2ug/ml+mouse liver tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 53,40,56 kDaObserved band size: 53 kDa

## ADDITIONAL INFORMATION

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|---|---|
| **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. |

## 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 |
| **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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/vitamin-d-binding-protein-antibody-immunohistochemistry-western-blot-elisa/119538