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

Rabbit anti-human Vitamin D-binding protein polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229381	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

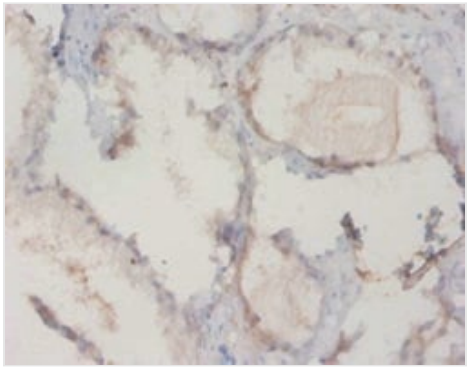
PRODUCT SYNONYMS

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

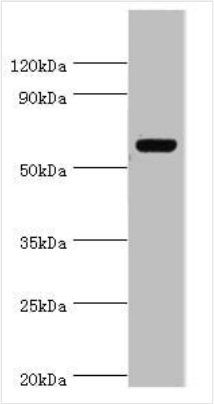
PRODUCT SPECIFICATIONS

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. 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.

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