

Rabbit VITAMIN D BINDING PROTEIN Polyclonal Antibody | anti-GC antibody

RABBIT ANTI HUMAN VITAMIN D BINDING PROTEIN

CATALOG # AAA49900	HOST Rabbit	APPLICATIONS ELISA
------------------------------	-----------------------	------------------------------

PRODUCT SYNONYMS

VITAMIN D BINDING PROTEIN; Polyclonal Antibody; RABBIT ANTI HUMAN VITAMIN D BINDING PROTEIN; anti-GC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Vitamin D binding protein (VDBP)
Form/Format	Purified, Liquid; Phosphate buffered saline
Concentration	Approximate Protein Concentration: 5.0 mg/ml (varies by lot)
Sequence Length	493
Applicable Applications for anti-GC antibody	ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified Ig prepared by affinity chromatography on Protein G
Immunogen	Native human vitamin D binding protein
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

ADDITIONAL INFORMATION

Related Product Information for anti-GC antibody	MBS221218 recognizes Vitamin D binding protein (VDBP), the major carrier protein of vitamin D that also transports components such as fatty acids and endotoxins and has an important role in the actin scavenging system. VDBP is a 52-58 kDa plasma protein synthesized mainly by hepatocytes. Polymorphisms in the gene give rise to three major electrophoretic variants, Gc1, Gc1s and Gc1f that differ by amino acid substitutions as well as glycosylations. The physiological significance of these phenotypes has yet to be determined.
--	--

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; DBP/GC; HEL-S-51
NCBI Protein Information	vitamin D-binding protein; VDB; epididymis secretory protein Li 51; gc-globulin; vitamin D-binding alpha-globulin
UniProt Protein Name	Vitamin D-binding protein
UniProt Gene Name	GC
UniProt Synonym Gene Names	DBP; VDB
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

Online datasheet: <https://www.aaabiotech.com/polyclonal/vitamin-d-binding-protein-antibody-elisa/49900>