

Rabbit anti-Human Vitamin D Binding protein Monoclonal Antibody | anti-GC antibody

Vitamin D Binding protein Rabbit mAb

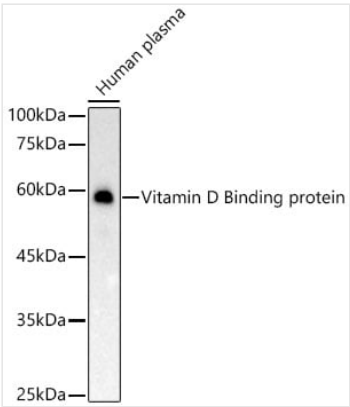
CATALOG # AAA282920	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

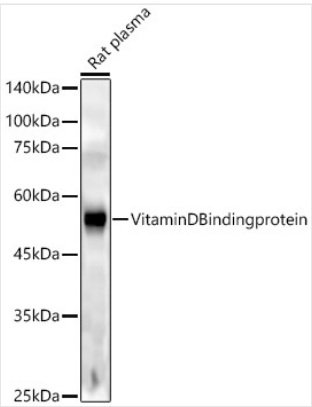
Vitamin D Binding protein; Monoclonal Antibody; Vitamin D Binding protein Rabbit mAb; DBP; VDB; GRD3; VDBG; VDBP; GcMAF; DBP/GC; Gc-MAF; DBP-maf; HEL-S-51; anti-GC antibody

PRODUCT SPECIFICATIONS

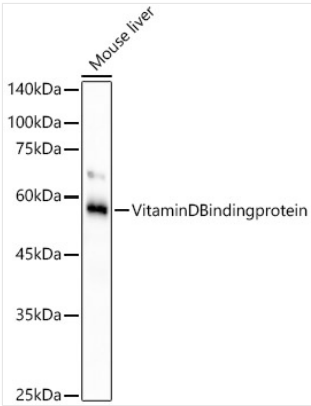
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	AMDVFVCTYF MPAAQLPELP DVELPTNKDV CDPGNTKVMD KYTFELSRRT HLPFVFLSKV LEPTLKS LGEC CCDVEDSTTC FNAKGPLLKK ELSSFIDKGQ ELCADYSENT FTEYKKKLAE RLKAKLPDAT PTELAKLVNK HSDFASNCCS INSPPLYCDS EIDAE LKNIL
Applicable Applications for anti-GC antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 305-474 of human Vitamin D Binding protein (NP_000574.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



WB (Western Blot)
Western blot analysis of lysates from human plasma, using Vitamin D Binding protein Rabbit mAb (AAA282920) at 1:130000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 1s.



WB (Western Blot)
Western blot analysis of lysates from rat plasma, using Vitamin D Binding protein Rabbit mAb (AAA282920) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 180s.



WB (Western Blot)
Western blot analysis of lysates from mouse liver, using Vitamin D Binding protein Rabbit mAb (AAA282920) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-GC antibody	The protein encoded by this gene 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-GC antibody	Cancer; Signal Transduction; Endocrine Metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	324021745
NCBI GeneID	2638
NCBI Accession #	NP_001191236.1
NCBI GenBank Nucleotide #	NM_001204307.1
UniProt Accession #	P02774; Q16309; Q16310; Q53F31; Q6GTG1; B4DPP2; D6RAK8

Molecular Weight	Calculated MW: 53kDa Observed MW: 53kDa
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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/vitamin-d-binding-protein-antibody-western-blot-elisa/282920>