Product Information

Anti-Vitamin D-Binding Protein
antibody produced in chicken,
affinity isolated antibody

Catalog Number GW20079F
Formerly listed as GenWay Catalog Number 15-288-20079F,
Vitamin D-binding protein Antibody.

Storage Temperature Store at –20 °C

Synonyms: Vitamin D-binding protein, DBP; Group-specific component; Gc-globulin; VDB

Product Description
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 Accession number: NP_000574.2
Swiss Prot Accession number: P02774
Gene Information: Human .. GC (2638)

Immunogen: Recombinant protein Vitamin D-binding protein

Immunogen Sequence: GI # 32483410, sequence 1 - 474

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: ELISA, WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer
This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability
For continuous use, store at 2–8 °C for up to one week. For extended storage, store in –20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in “frostfree” freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.