

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.

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