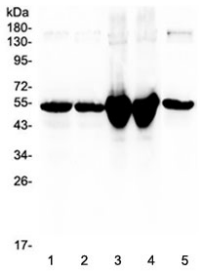
# Vitamin D binding protein Antibody (RQ4128)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ4128 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| **UniProt** | P21614 |
| **Applications** | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml |
| **Limitations** | This Vitamin D binding protein antibody is available for research use only. |




Western blot testing of 1) rat liver, 2) rat liver (different lot), 3) mouse liver, 4) mouse liver (different lot) and 5) human placenta lysate with Vitamin D binding protein antibody at 0.5ug/ml. Predicted molecular weight ~53 kDa.

## Description

Vitamin D-binding protein, also/originally known as gc-globulin (group-specific component), is a protein that in humans is encoded by the GC gene.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.

For highly selective detection of VDBP in vitamin D transport and endocrine metabolism studies, see our VDBP Antibody /

Vitamin D Binding Protein Antibody clone VDBP/4481 featuring protein microarray specificity validation.

## Application Notes

Optimal dilution of the Vitamin D binding protein antibody should be determined by the researcher.

## Immunogen

A recombinant mouse partial protein corresponding to amino acids L17-E256 was used as the immunogen for the Vitamin D binding protein antibody.

## Storage

After reconstitution, the Vitamin D binding protein antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.