

## Vitamin D binding protein Antibody (F53986)

Catalog No.	Formulation	Size
F53986-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53986-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P02774
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	This Vitamin D binding protein antibody is available for research use only.



Vitamin D binding protein Antibody Plasma WB. Western blot testing of human plasma lysate with Vitamin D binding protein antibody at 1:2000. Predicted molecular weight: 53 kDa.

### Description

Vitamin D binding protein Antibody detects VDBP, a 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.

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**

Titration of the Vitamin D binding protein antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 125-157 from the human protein was used as the immunogen for the Vitamin D binding protein antibody.

## **Storage**

Aliquot the Vitamin D binding protein antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.