

## Rabbit Anti-Vitamin D Binding protein/AP Conjugated antibody

SL3915R-AP

<b>Product Name</b>	Anti-Vitamin D Binding protein/AP
<b>Chinese Name</b>	碱性磷酸酶 (AP) 标记的维生素 D Binding protein 抗体
<b>Alias</b>	DBP; DBP/GC; GC; Gc globulin; GRD3; Group specific component; Group specific component vitamin D binding protein; hDBP; VDB; VDBG; VDBP; Vitamin D binding alpha globulin; VTDB_HUMAN.
<b>Research Area</b>	Tumour Cell biology immunology Binding protein
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Mouse(predicted:Rat,Pig,Cow,Horse) WB=1:500-2000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	51kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Vitamin D Binding protein
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> Vitamin D Binding Protein is a secreted 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.

**Function:**

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.

**Subcellular Location:**

Secreted.

**Similarity:**

Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.

**Database links:**

UniProtKB/Swiss-Prot: P02774.1

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.