

## Vitamin D-binding protein/DPB Polyclonal Antibody(Capture/Detector)

catalog number: AN001150P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

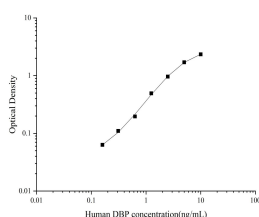
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human Vitamin D-binding protein/DPB protein expressed by Mammalian
<b>Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

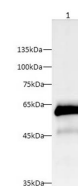
### Applications Recommended Dilution

<b>ELISA Capture</b>	2-8 µg/mL
<b>ELISA Detector</b>	0.1-0.4 µg/mL
<b>WB</b>	1:1000-1:2000

### Data



Sandwich ELISA-Recombinant Human Vitamin D-binding protein/DPB protein standard curve. Background subtracted standard curve using Vitamin D-binding protein/DPB antibody(AN001150P)(Capture), Vitamin D-binding protein/DPB antibody(AN001150P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Vitamin D-binding protein/DPB protein is 0.16-10 ng/mL.



Western blot with Anti Vitamin D-binding protein/DPB Polyclonal antibody at dilution of 1:1000. Lane 1: Human plasma.

**Observed-MW:60 kDa**

**Calculated-MW:53 kDa**

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Vitamin D binding protein is a sparsely glycosylated serum protein responsible for highly specific binding and tissue-specific delivery of vitamin D and its metabolites. In addition, it is also an actin scavenger, and is the precursor to the immunomodulatory protein, Gc-MAF. Vitamin D binding protein has been proposed to have significant roles in C5a chemotaxis, osteoclast development and possibly in macrophage activation/recruitment.

### For Research Use Only