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

catalog number: AN001150P

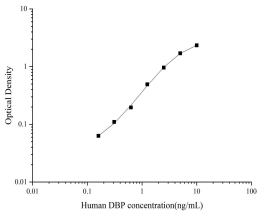
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

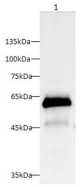
Reactivity	Human
Immunogen	Recombinant Human Vitamin D-binding protein/DPB protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications	Recommended Dilution
ELISA Capture	2-8 μg/mL
ELISA Detector	0.1-0.4 μg/mL
WB	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-MV:60 kDa

Calculated-MV:53 kDa

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	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.

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