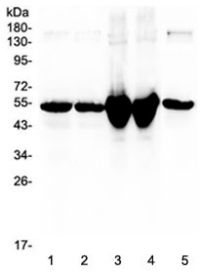
Vitamin D binding protein Antibody (RQ4128)

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 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.

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