BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-VDR Antibody (Center)

Catalog Number: A00210

About VDR

This gene encodes the nuclear hormone receptor for vitamin D3. This receptor also functions as a receptor for the secondary bile acid lithocholic acid. The receptor belongs to the family of trans-acting transcriptional regulatory factors and shows sequence similarity to the steroid and thyroid hormone receptors. Downstream targets of this nuclear hormone receptor are principally involved in mineral metabolism though the receptor regulates a variety of other metabolic pathways, such as those involved in the immune response and cancer. Mutations in this gene are associated with type II vitamin D-resistant rickets. A single nucleotide polymorphism in the initiation codon results in an alternate translation start site three codons downstream. Alternative splicing results in multiple transcript variants encoding the same protein.

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Overview

Product Name	Anti-VDR Antibody (Center)
Reactive Species	Human
Description	Boster Bio Anti-VDR Antibody (Center) (Catalog # A00210). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P11473

Technical Details

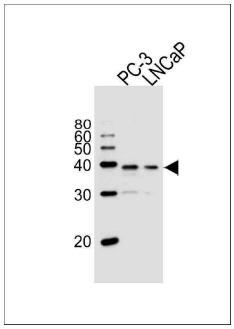
Immunogen	This VDR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 274-299 amino acids from the Central region of human VDR.
Predicted Reactive Species	Monkey

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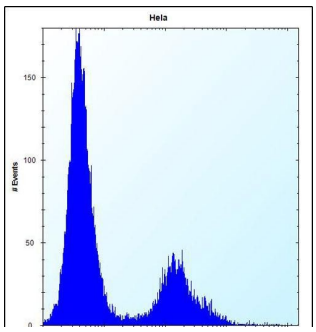
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 FC: 1:10-1:50

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Anti-VDR Antibody (Center) (A00210) Images



Western blot analysis of lysates from PC-3, LNCaP cell line (from left to right), using VDR Antibody (Center). A00210 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody.



VDR Antibody (Center) (Cat. #A00210) flow cytometric analysis of Hela cells (right histogram) compared to a negative control (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Anti-VDR Antibody (Center)

For Research Use Only. Not for use in diagnostic procedures.