

VDR antibody

Product Information

Catalog No.:	FNab09390
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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 different proteins.

Immunogen information

Immunogen:	vitamin D (1, 25- dihydroxyvitamin D3) receptor
Synonyms:	Vitamin D3 receptor (VDR) 1,25-dihydroxyvitamin D3 receptor Nuclear receptor subfamily 1 group I member 1 VDR NR1H1
Observed MW:	43 kDa
Uniprot ID :	P11473

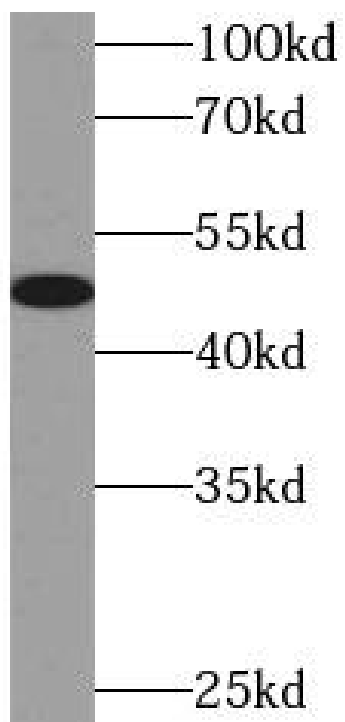
Application

Reactivity:	Human, Mouse, Rat
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Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:100

Image:



PC-3 cells were subjected to SDS PAGE followed by western blot with FNab09390(VDR Antibody) at dilution of 1:1000