



VDR Polyclonal Antibody

E92194

Catalog Number: E92194**Amount:** 100ul

Background: The vitamin D receptor (VDR), also known as the calcitriol receptor, and also known as NR111 (nuclear receptor subfamily 1, group I, member 1), is a member of the nuclear receptor family of transcription factors. Upon activation by vitamin D, the VDR forms a heterodimer with the retinoid-X receptor and binds to hormone response elements on DNA resulting in expression or trans-repression of specific gene products. It is an intracellular hormone receptor that specifically binds 1,25(OH)₂D₃ and mediates its effects. 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. Defects in VDR are the cause of rickets vitamin D-dependent type 2A (VDDR2A). A disorder of vitamin D metabolism results in severe rickets, hypocalcemia and secondary hyperparathyroidism. Most patients have total alopecia in addition to rickets. This antibody is a rabbit polyclonal antibody to human VDR.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: VDR; NR111; Vitamin D3 receptor; 1,25-dihydroxyvitamin D3 receptor; Nuclear receptor subfamily 1 group I member 1;

Immunogen: Recombinant protein of human VDR

Purification: Affinity purification

Reactivity: H M R

Applications: WB IHC

Molecular Weight: 48kDa

Swiss-Prot No. : P11473

Gene ID: 7421

For Research Use Only

