



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 NR1I1 (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; NR1I1; 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

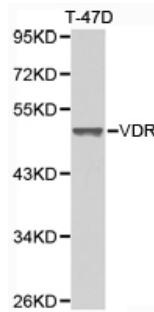
Swiss-Prot No.: P11473

Gene ID: 7421

For Research Use Only

WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of extracts of T-47D cell lines,
using VDR antibody.