

PRODUCT DATA SHEET

Bioworld Technology,Inc.

VDR (N204) polyclonal antibody

Catalog: BS1774 Host: Rabbit Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 43, 55 kDa

Swiss-Prot:

P11473

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000 IHC: 1:50~1:200 IF: 1:50~1:200

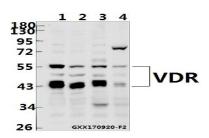
Storage&Stability:

Store at 4° C short term. Aliquot and store at -20° C long term. Avoid freeze-thaw cycles.

Specificity:

VDR (N204) polyclonal antibody detects endogenous levels of VDR protein

DATA:



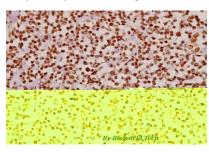
Western blot (WB) analysis of VDR (N204) pAb at 1:500 dilution

Lane1:K562 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

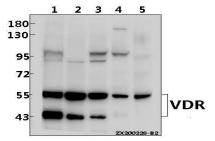
Lane3:3T3-L1 whole cell lysate(40ug)

Lane4: The Kidney tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of VDR (N204) pAb in paraf-

fin-embedded human tonsil carcinoma tissue at 1:50.



Western blot (WB) analysis of VDR pAb at 1:1000 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

Note:

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For research use only, not for use in diagnostic procedure.

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