

VDR (N204) polyclonal antibody

Catalog: BCP01711

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

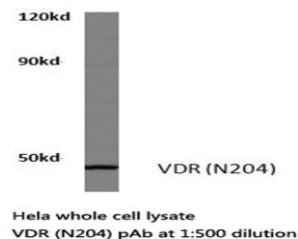
Storage&Stability:

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:



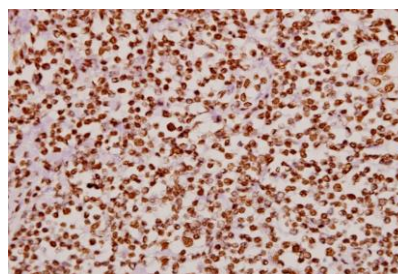
Western blot (WB) analysis of VDR (N204) pAb at 1:500 dilution

Lane1:K562 whole cell lysate(40ug)

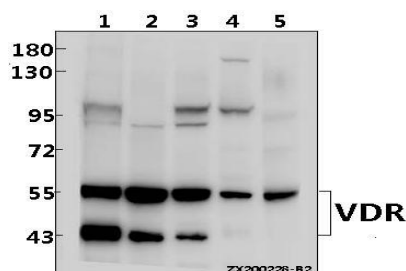
Lane2:HCT116 whole cell lysate(40ug)

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

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



Immunohistochemistry (IHC) analyzes of VDR (N204) pAb in paraffin-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:

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