

VDR (K45) polyclonal antibody

Catalog: BS3756

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The vitamin D receptor (VDR), also known as the calcitriol receptor, and also known as NR1H1 (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:

~ 48 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

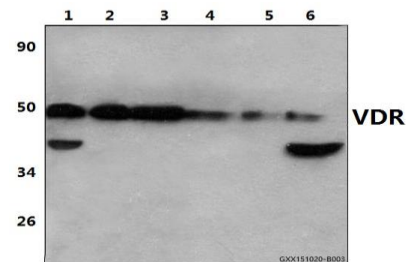
Storage&Stability:

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

Specificity:

VDR (K45) polyclonal antibody detects endogenous levels of VDR protein.

DATA:



Western blot (WB) analysis of VDR (K45) polyclonal antibody pAb at 1:500 dilution

Lane1: HeLa whole cell lysate(30ug)

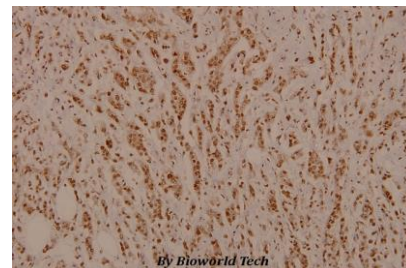
Lane2: HepG2 whole cell lysate(30ug)

Lane3: DLD whole cell lysate(30ug)

Lane4: NIH-3T3 whole cell lysate(50ug)

Lane5: H9C2 whole cell lysate(30ug)

Lane6: PC12 whole cell lysate(30ug)



Immunohistochemistry (IHC) analyzes of VDR (K45) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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