

Product Datasheet

Vitamin D Receptor Antibody



Catalog No: CY6787

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP

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Information

UniProt ID: P11473

All Names: 1 25 dihydroxyvitamin D3 receptor; Member 1; NR1I1; Nuclear receptor subfamily 1 group I member 1; PPP1R163; Protein phosphatase 1, regulatory subunit 163; VDR; Vitamin D (1,25-dihydroxyvitamin D3) receptor;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 48 kDa

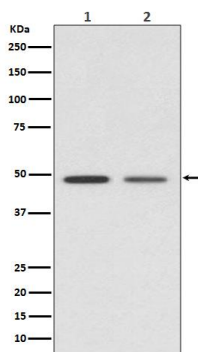
Application

WB 1:500~1:2000

IP 1:50

Background

Nuclear hormone receptor. Transcription factor that mediates the action of vitamin D3 by controlling the expression of hormone sensitive genes. Regulates transcription of hormone sensitive genes via its association with the WINAC complex, a chromatin-remodeling complex. Recruited to promoters via its interaction with the WINAC complex subunit BAZ1BWSTF, which mediates the interaction with acetylated histones, an essential step for VDR-promoter association. Plays a central role in calcium homeostasis.



Western blot analysis of Vitamin D expression in (1) HeLa cell lysate; (2) Mouse kidney lysate.

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