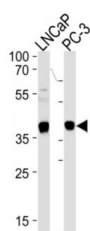
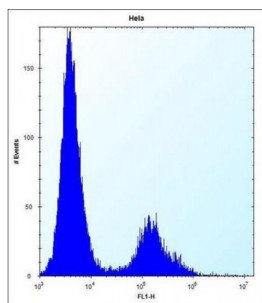


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Vitamin D3 Receptor (VDR) Antibody

Catalogue No.: abx028311



This gene encodes the nuclear hormone receptor for vitamin D3. This receptor also functions as a receptor for the secondary bile acid lithocholic acid. The receptor belongs to the family of trans-acting transcriptional regulatory factors and shows sequence similarity to the steroid and thyroid hormone receptors. 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. Mutations in this gene are associated with type II vitamin D-resistant rickets. A single nucleotide polymorphism in the initiation codon results in an alternate translation start site three codons downstream. Alternative splicing results in multiple transcript variants encoding the same protein.

| | |
|-----------------------------|------------|
| Target: | VDR |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Tested Applications: | WB, FCM |

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human VDR.

Purification: Peptide Affinity Purified Rabbit Polyclonal Antibody.

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| | |
|------------------------|---|
| Isotype: | IgG |
| Conjugation: | Unconjugated |
| Specificity: | This VDR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 274-299 amino acids from the Central region of human VDR. |
| Storage: | Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles. |
| Swiss Prot: | P11473 |
| NCBI Accession: | NP_000367.1, NP_001017535.1, NP_001017536.1 |
| Buffer: | PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Note: | This product is for research use only. |