

Datasheet for ABIN1540015

anti-Vitamin D Receptor antibody[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Vitamin D Receptor (VDR)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This VDR antibody is generated from rabbits immunized with a recombinant protein of human VDR.
Clone:	RB38491
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Vitamin D Receptor (VDR)
Alternative Name:	VDR (VDR Products)
Target Type:	Chemical
Background:	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

Target Details

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.

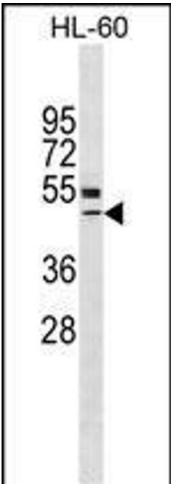
Molecular Weight:	48289
Gene ID:	7421
NCBI Accession:	NP_000367 , NP_001017535 , NP_001017536
UniProt:	P11473
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	VDR Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. VDR Antibody (ABIN1540015 and ABIN2838059) western blot analysis in HL-60 cell line lysates (35 μ g/lane). This demonstrates the VDR Antibody detected the VDR protein (arrow).