

Anti-Phospho-Vitamin D Receptor/VDR (Ser51) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 38 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ELISA,IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:20000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human Vitamin D3 Receptor around the phosphorylation site of Ser51. AA range:16-65
Antigen Species:	Human
Uniprot ID:	P11473
Synonyms:	p-Vitamin D Receptor/VDR (S51);Vitamin D Receptor/VDR (p-S51);Vitamin D Receptor/VDR (p-Ser51);p-Vitamin D Receptor/VDR (Ser51)

Research Background

vitamin D (1,25- dihydroxyvitamin D3) receptor(VDR) Homo sapiens 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 different proteins. [provided by RefSeq, Feb 2011],

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