

## Vitamin D Receptor Antibody

Cat. No.:	HY-P81203
Synonyms:	Vitamin D Receptor Antibody is an unconjugated, approximately 47 kDa, rabbit-derived, anti-Vitamin D Receptor polyclonal antibody. Vitamin D Receptor Antibody can be used for: IHC-P, IHC-F, ICC, IF experiments in human, rat, and predicted: mouse, chicken, pig, cow, horse, rabbit background without labeling.
Host:	Rabbit
Reactivity:	Human, Rat
Conjugation:	Non-conjugated
SwissProt ID:	P11473
Molecular Weight:	Predicted band size: 47kDa

### PROPERTIES

Formulation	Supplied in 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	IHC-P	1:100-500
	IHC-F	1:100-500
	ICC	1:100
	IF	1:100-500
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	<p>The related gene encodes vitamin D3 receptor, which is a member of the nuclear hormone receptor superfamily of ligand-inducible transcription factors. The receptor also functions as a receptor for the secondary bile acid, lithocholic acid. Downstream targets of vitamin D3 receptor are principally involved in mineral metabolism, though The receptor regulates a variety of other metabolic pathways, such as those involved in immune response and cancer. Mutations in The related 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. Alternatively spliced transcript variants encoding different isoforms have been described for The related gene. A recent study provided evidence for translational readthrough in The related gene, and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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