

# VDR Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide CGNQDYKYRVSD corresponding to the internal region of VDR.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	4°C or -20°C if preferred
RRID	AB_2288246

Applications	Tested Dilution	Publications
Western Blot (WB)	0.3-1 µg/mL	-
ELISA (ELISA)	1:16,000	-

## Product Specific Information

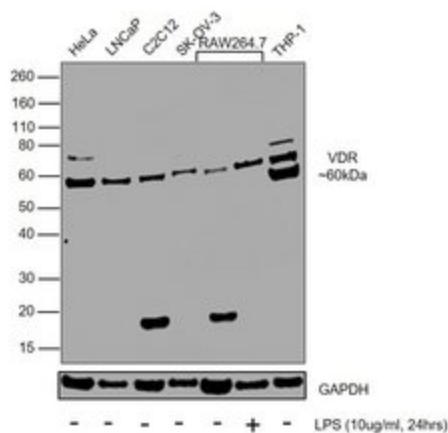
Predicted to react with dog, mouse and rat based on sequence homology.

In Western blot, this antibody detects a band at ~40-45kDa in human brain cell lysate. A minimum incubation time of 1 hour is recommended with this antibody.

Goat anti Human Vitamin D Receptor antibody recognizes human vitamin D nuclear hormone receptor (VDR) a approximately 48 kDa member of the trans-acting transcriptional regulatory factors.

### VDR Antibody (PA1-86623)

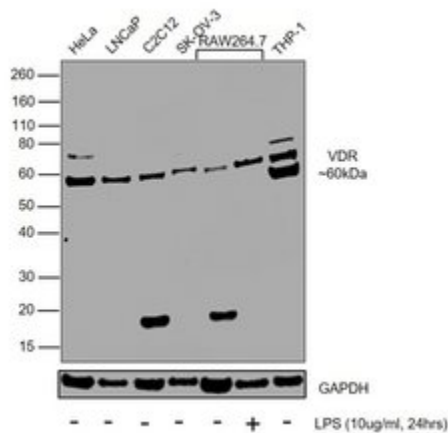
Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using VDR Polyclonal Antibody (Product # PA1-86623), shows an increase in expression of VDR in RAW 264.7 cells upon LPS treatment. Cell treatment validation info.



### Product Images For VDR Polyclonal Antibody

#### VDR Antibody (PA1-86623) in WB

Western blot was performed using Anti-VDR Polyclonal Antibody (Product # PA1-86623) and a 60kDa band corresponding to VDR was observed in all the tested cell models, and was upregulated upon LPS treatment in RAW 264.7. Whole cell lysate (30ug lysate) of HeLa (Lane 1), LNCaP (Lane 2), C2C12 (Lane 3), SK-OV-3 (Lane 4), RAW264.7 (Lane 5), RAW264.7 treated with LPS (10µg/ml, 24hrs) (Lane 6) and THP-1 (Lane 7) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1µg/ml concentration) and detected by chemiluminescence with Rabbit anti-Goat IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27014, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).



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