

VDR purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00007421-B01P

規格 : [50 ug]

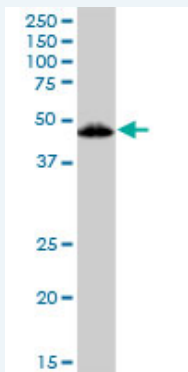
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Specification

Product Description:	Mouse polyclonal antibody raised against a full-length human VDR protein.
Immunogen:	VDR (NP_000367.1, 1 a.a. ~ 427 a.a) full-length human protein.
Sequence:	MEAMAASTSLPDPGDFDRNVPRICGVCGDRATGFHFNAMTCEGCKGF FRRSMKRKALFTCPFNGDCRITKDNRRHCQACRLKRCVDIGMMKEFILT DEEVQRKREMILKRKEEEEALKDSL RPKLSEEQQRIAILLDAHHTYDPTY SDFCQFRPPVRVNDGGGSHPSRPNSRHTPSFSGDSSSSCSHCITSSD MMDSSSFNLDLSEEDSDDPSVTLELSQLSMLPHLADLVSYIQKVGFA KMIPGFRDLTSEDQIVLLKSSAIEVIMLRSNESFTMDDMSWT CGNQDYKY RVSDVTKAGHSELEIEPLIKFQVGLKKLNLHEEEHVLLMAICVSPDRPGVQ DAALIEAIQDRLSNTLQTYIRCRHPPPGSHLLYAKMIQKLADLRSLNEEHSK QYRCLSFQPECSMKLTPLVLEVFGNEIS
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Applications

Western Blot (Cell lysate)



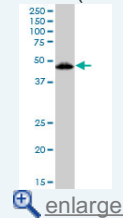
VDR MaxPab polyclonal antibody. Western Blot analysis of VDR expression in 293.

[Protocol Download](#)

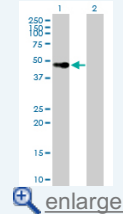
Western Blot (Transfected lysate)

Application Image

Western Blot (Cell lysate)

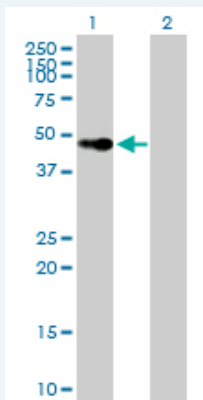


Western Blot (Transfected lysate)



Immunofluorescence





Western Blot analysis of VDR expression in transfected 293T cell line ([H00007421-T01](#)) by VDR MaxPab polyclonal antibody.

Lane 1: VDR transfected lysate(46.97 KDa).
Lane 2: Non-transfected lysate.

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Immunofluorescence



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Immunofluorescence of purified MaxPab antibody to VDR on HeLa cell. [antibody concentration 10 ug/ml]

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Gene Information

Entrez GeneID: [7421](#)

GeneBank [NM_000376.2](#)
Accession#:

Protein [NP_000367.1](#)
Accession#:

Gene Name: VDR

Gene Alias: NR111

Gene Description: vitamin D (1,25- dihydroxyvitamin D3) receptor

Omim ID: [166710](#), [277440](#), [601769](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other vitamin D (1,25-dihydroxyvitamin D3) receptor
Designations:

Related Disease

[Acquired Immunodeficiency Syndrome](#) [Acute Disease](#) [Addison Disease](#) [Adenocarcinoma](#)
[Adenoma](#) [Aggressive Periodontitis](#) [Albuminuria](#) [Alopecia Areata](#) [Alveolar Bone Loss](#)
[Alzheimer Disease](#) [Alzheimer disease](#) [Amyotrophic Lateral Sclerosis](#)
[Amyotrophic lateral sclerosis](#) [Anemia](#) [Anemia, Iron-Deficiency](#) [Aortic Valve Stenosis](#)
[Arteriosclerosis](#) [Arthritis, Juvenile Rheumatoid](#) [Arthritis, Psoriatic](#)

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