

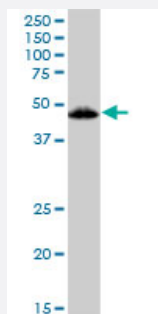
MaxPab®

VDR MaxPab mouse polyclonal antibody (B01)

Catalog # H00007421-B01

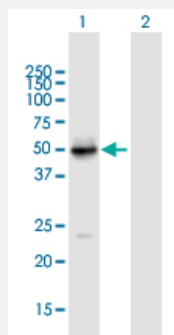
Size 50 uL

Applications



Western Blot (Cell lysate)

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

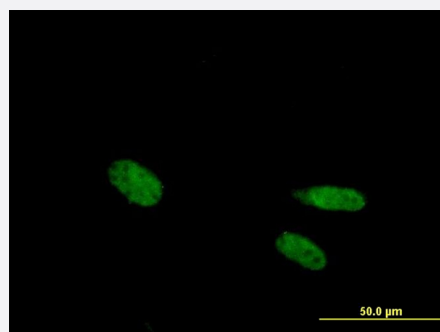


Western Blot (Transfected lysate)

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.



Immunofluorescence

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

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	MEAMAASTSLPDPGDFDRNVPRICGVCGDRATGFHFNAMTCEGCKGFFRRSMKRKALFTCPFN GDCRITKDNRRHCQACRLKRCVDIGMMKEFILTDEEVQRKREMILKRKEEEALKDSLRLPKLSEEQ QRIAILLDAHHKTYDPTYSDFCQFRPPVRVNDGGGSHPSRPNRHTPSFSGDSSSSCSDHCITSS DMMDSSSFNLDLSEEDSDDPSVTLELSQLSMLPHLADLVSYIQKVIGFAKMIPGFRDLTSEDQI VLLKSSAIEVIMLRSNESFTMDDMSWTCGNQDYKYRVSDVTKAGHSLELIEPLIKFQVGLKKNLH EEEHVLLMAICVSPDRPGVQDAALIEAIQDRLSNTLQTYIRCRHPPPGSHLLYAKMIQKLADLRSLN EEHSKQYRCLSFQPECSMKLTPLVLEVFGNEIS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Cell lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

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

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[Protocol Download](#)

- Immunofluorescence

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

Gene Info — VDR

Entrez GeneID

[7421](#)

GeneBank Accession#

[NM_000376.2](#)

Protein Accession#	NP_000367.1
Gene Name	VDR
Gene Alias	NR1I1
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 Designations	vitamin D (1,25-dihydroxyvitamin D3) receptor

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Addison Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
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- [Albuminuria](#)
- [Alopecia Areata](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)

- [Aortic Valve Stenosis](#)
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- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
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- [Body Weight](#)
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- [Bone Neoplasms](#)
- [Bone Resorption](#)
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- [Turner Syndrome](#)
- [Uremia](#)
- [Urinary Bladder Neoplasms](#)
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- [Urinary Tract Infections](#)
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- [Vitiligo](#)
- [Werner syndrome](#)