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Vitamin D Receptor (YD19903) Rabbit mAb

货号: **AYD16135**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	WB: 1:1000 IP: 1:20-1:50:
理论分子量	48kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Nucleus, Cytoplasm
纯化	亲和纯化

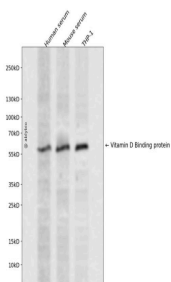
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靶点信息

研究背景	Nuclear receptor for calcitriol, the active form of vitamin D3 which mediates the action of this vitamin on cells (PubMed:10678179, PubMed:15728261, PubMed:16913708, PubMed:28698609, PubMed:37478846). Enters the nucleus upon vitamin D3 binding where it forms heterodimers with the retinoid X receptor/RXR (PubMed:28698609). The VDR-RXR heterodimers bind to specific response elements on DNA and activate the transcription of vitamin D3-responsive target genes (PubMed:28698609). Plays a central role in calcium homeostasis (By similarity). Also functions as a receptor for the secondary bile acid lithocholic acid (LCA) and its metabolites (PubMed:12016314, PubMed:32354638) Nuclear receptor for calcitriol, the active form of vitamin D3 which mediates the action of this vitamin on cells (By similarity). Enters the nucleus upon vitamin D3 binding where it forms heterodimers with the retinoid X receptor/RXR (By similarity). The VDR-RXR heterodimers bind to specific response elements on DNA and activate the transcription of vitamin D3-responsive target genes (By similarity). Plays a central role in calcium homeostasis (PubMed:32354638). Also functions as a receptor for the secondary bile acid lithocholic acid (LCA) and its metabolites (PubMed:12016314, PubMed:32354638) Nuclear receptor for calcitriol, the active form of vitamin D3 which mediates the action of this vitamin on cells (PubMed:17227670). Enters the nucleus upon vitamin D3 binding where it forms heterodimers with the retinoid X receptor/RXR (By similarity). The VDR-RXR heterodimers bind to specific response elements on DNA and activate the transcription of vitamin D3-responsive target genes (By similarity). Plays a central role in calcium homeostasis (PubMed:17227670). Also functions as a receptor for the secondary bile acid lithocholic acid (LCA) and its metabolites (By similarity)
基因ID	7421
基因名	VDR, Vdr
Swiss	P11473 (https://www.uniprot.org/uniprotkb/P11473/entry), P48281 (https://www.uniprot.org/uniprotkb/P48281/entry), P13053 (https://www.uniprot.org/uniprotkb/P13053/entry)
别名	Member 1,NR1I1,Nuclear receptor subfamily 1 group I member 1,PPP1R163,Protein phosphatase 1,regulatory subunit 163,VDR,VDR_HUMAN,Vitamin D (1,25- dihydroxyvitamin D3) receptor,Vitamin D hormone receptor,Vitamin D nuclear receptor variant 1,Vitamin D receptor,Vitamin D3 receptor,Vitamin D Receptor (YD19903) Rabbit mAb,1,25-dihydroxyvitamin D3 receptor

产品验证



Western blot analysis of Vitamin D Binding protein expressed in Human serum, Mouse serum, THP-1 using Vitamin D Binding protein Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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