




Anti-Vitamin D Receptor antibody ab3508

★★★★★ [6 Abreviews](#) [66 References](#) [1 图像](#)

概述

产品名称	Anti-Vitamin D Receptor抗体
描述	兔多克隆抗体to Vitamin D Receptor
宿主	Rabbit
经测试应用	适用于: IHC-Fr, ChIP, WB, IP, IHC-P, ChIP-sequencing, ICC/IF
种属反应性	与反应: Mouse, Rat, Chicken, Human 预测可用于: Cow, Pig, Zebrafish, Saguinus oedipus 
免疫原	Synthetic peptide corresponding to Human Vitamin D Receptor aa 350-450. Database link: P11473  Run BLAST with  Run BLAST with
阳性对照	IHC: Human jejunum
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab3508于以下的经测试应用

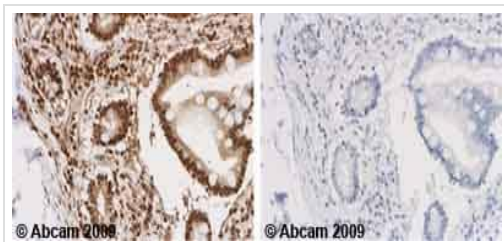
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
EMSA		Use at an assay dependent concentration.
Gel Shift Assay		Use at an assay dependent concentration.
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
ChIP		Use at an assay dependent concentration. PubMed: 17244627
WB	★★★★★ (3)	Use at an assay dependent concentration. Predicted molecular weight: 48 kDa. 1/100. Detects a band of approximately 53 kDa in COS-7 cells transfected with the human gene (predicted molecular weight: 48 kDa). This antibody supershifts DNA fragments that contain VDR response elements (e.g., rat osteocalcin and mouse osteopontin upstream elements).
IP		Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	1/2000 - 1/4000.
ChIP-sequencing		Use at an assay dependent concentration. PubMed: 21846776
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

靶标

功能	Nuclear hormone receptor. Transcription factor that mediates the action of vitamin D3 by controlling the expression of hormone sensitive genes. Regulates transcription of hormone sensitive genes via its association with the WINAC complex, a chromatin-remodeling complex. Recruited to promoters via its interaction with the WINAC complex subunit BAZ1B/WSTF, which mediates the interaction with acetylated histones, an essential step for VDR-promoter association. Plays a central role in calcium homeostasis.
疾病相关	Defects in VDR are the cause of rickets vitamin D-dependent type 2A (VDDR2A) [MIM:277440]. A disorder of vitamin D metabolism resulting in severe rickets, hypocalcemia and secondary hyperparathyroidism. Most patients have total alopecia in addition to rickets.
序列相似性	Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.
结构域	Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.
细胞定位	Nucleus.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vitamin D Receptor antibody (ab3508)

Ab3508 staining Human normal jejunum. Staining is localized to the nucleus.

Left panel: with primary antibody at 1/2000. Right panel: isotype control.

Sections were stained using an automated system DAKO Autostainer Plus, at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 AR buffer, citrate pH 6.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 minutes. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 minutes and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that for manual staining we recommend to optimize the primary antibody concentration and incubation time (overnight incubation), and amplification may be required.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors