

À des fins de recherche uniquement

Anticorps Monoclonal anti-VDR

Numéro de catalogue: 67192-1-Ig

Phare

12 Publications



Informations de base

| | | | | | |
|---------------------------|---|--------------------------------|--|--------------------------|-----------------------------|
| Numéro de catalogue: | 67192-1-Ig | Numéro d'acquisition GenBank: | BC060832 | Méthode de purification: | Purification par protéine A |
| Taille: | 150ul, Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): | 7421 | CloneNo.: | 1A9C1 |
| Hôte: | Mouse | Nom complet: | vitamin D (1,25- dihydroxyvitamin D3) receptor | Dilutions recommandées: | WB 1:2000-1:10000 |
| Isotype: | IgG2a | MW calculé | 48 kDa | | |
| Immunogen Catalog Number: | AG28188 | MW observés: | 48-55 kDa | | |

Applications

Applications testées:

WB, ELISA

Demandes citées:

ChIP, IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules MCF-7, cellules 4T1, cellules COLO 320, cellules HeLa, cellules HSC-T6, cellules NCCIT, cellules T-47D

Informations générales

The vitamin D receptor (VDR), also known as NR111 (nuclear receptor subfamily 1, group I, member 1), is a member of the nuclear receptor family of transcription factors. Upon activation by vitamin D, the VDR forms a heterodimer with the retinoid-X receptor and binds to hormone response elements on DNA resulting in expression or trans-repression of specific gene products. It is an intracellular hormone receptor that specifically binds 1,25(OH)2D3 and mediates its effects. 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. Defects in VDR are the cause of rickets vitamin D-dependent type 2A (VDDR2A). A disorder of vitamin D metabolism results in severe rickets, hypocalcemia and secondary hyperparathyroidism. Most patients have total alopecia in addition to rickets. The VDR exists two isoform with the MV 48 kDa and 54 kDa.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-------------|-----------|-------------------------|-------------|
| Jun Li | 36338128 | Front Bioeng Biotechnol | WB |
| Xinyu Zhang | 36497006 | Cells | WB,IF |
| Yingyu Lu | 35523114 | Phytomedicine | WB |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA

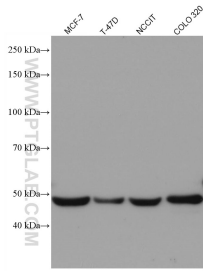
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67192-1-Ig (VDR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.