

VDR(Phospho Ser208) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15447
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Vitamin D Receptor around the phosphorylation site of Ser208. AA range:181-230
Mol wt	48289
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Vitamin D3 receptor
Synonyms	Vitamin D3 receptor; VDR; NR1H1; Vitamin D3 receptor; VDR; 1; 25-dihydroxyvitamin D3 receptor; Nuclear receptor subfamily 1 group I member 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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 different proteins.

Recommended Dilution

WB: 1: 500 - 1: 2000

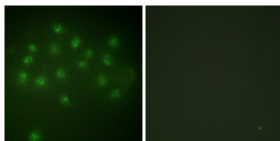
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

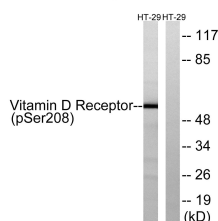
ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunofluorescence analysis of A549 cells, using Vitamin D Receptor (Phospho-Ser208) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HT29 cells treated with heat shock, using Vitamin D Receptor (Phospho-Ser208) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com