

Datasheet for ABIN7138475

anti-Vitamin D Receptor antibody (pSer208)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Vitamin D Receptor (VDR)
Binding Specificity:	pSer208
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vitamin D Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 208 (A-L-S(p)-P-V) derived from Human Vitamin D Receptor.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	Vitamin D Receptor (VDR)
Alternative Name:	VDR (VDR Products)

Target Details

Target Type:	Chemical
Background:	<p>Background:</p> <p>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.</p> <p>Arriagada G, et al. (2007) J Steroid Biochem Mol Biol 103, 425-9. Jurutka PW, et al. (1996) Proc Natl Acad Sci U S A 93, 3519-24. Jurutka PW, et al. (1993) J Biol Chem 268, 6791-9.</p> <p>Aliases: 1,25 dihydroxyvitamin D3 receptor antibody, 1,25-dihydroxyvitamin D3 receptor antibody, 1,25-@dihydroxyvitamin D3 receptor antibody, 25-dihydroxyvitamin D3 receptor antibody, Member 1 antibody, NR1H1 antibody, Nuclear receptor subfamily 1 group I member 1 antibody, PPP1R163 antibody, Protein phosphatase 1, regulatory subunit 163 antibody, VDR antibody, VDR_HUMAN antibody, Vitamin D (1,25- dihydroxyvitamin D3) receptor antibody, Vitamin D hormone receptor antibody, Vitamin D nuclear receptor variant 1 antibody, Vitamin D receptor antibody, Vitamin D3 receptor antibody</p>
UniProt:	P11473
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway

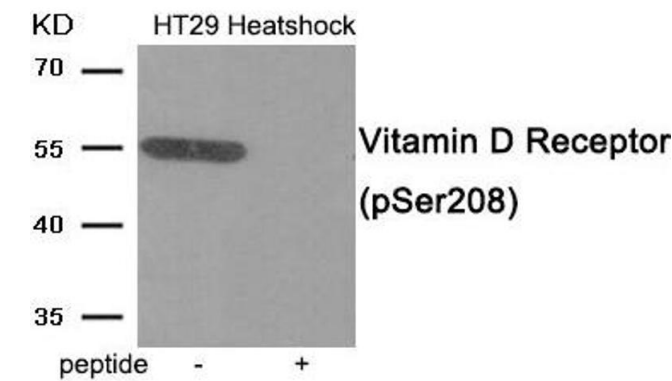
Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from HT29 cells treated with Heatshock using Phospho-Vitamin D Receptor (Ser208) antibody. The lane on the right is treated with the antigen-specific peptide.