Vitamin D Receptor (Phospho-Ser208) Antibody

Catalog No: #11994

Package Size: #11994-1 50ul #11994-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

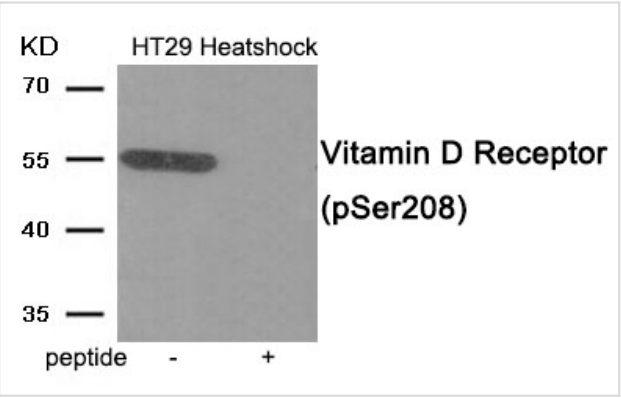
Description

Product Name	Vitamin D Receptor (Phospho-Ser208) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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 chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Vitamin D Receptor only when phosphorylated at serine 208.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 208 (A-L-S(p)-P-V) derived from Human Vitamin D Receptor.
Target Name	Vitamin D Receptor
Modification	Phospho
Other Names	NR1I1; vitamin D receptor; vitamin D3 receptor;
Accession No.	Swiss-Prot#: P11473; NCBI Gene#: 7421; NCBI Protein#: NP_000367.1
Uniprot	P11473
GeneID	7421;
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HT29 cells treated with Heatshock using Phospho-Vitamin D Receptor (Ser208) antibody #11994.The lane on the right is treated with the antigen-specific peptide.

Background

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.

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.

Note: This product is for in vitro research use only