

Vitamin D3 Receptor Antibody | anti-VDR antibody

Vitamin D3 Receptor (Phospho-Ser51) Antibody

CATALOG # AAA110098	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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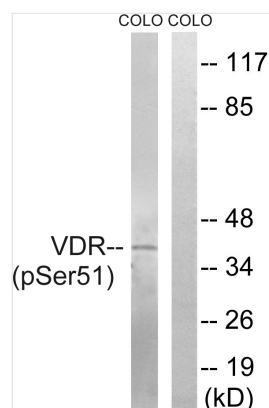
PRODUCT SYNONYMS

Vitamin D3 Receptor; Vitamin D3 Receptor (Phospho-Ser51) Antibody; 1; 25-dihydroxyvitamin D3 receptor; NR1I1; vitamin D receptor; vitamin D3 receptor; anti-VDR antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Vitamin D3 Receptor (Phospho-Ser51) antibody detects endogenous levels of Vitamin D3 Receptor only when phosphorylated at serine 51.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	427
Applicable Applications for anti-VDR antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Vitamin D3 Receptor around the phosphorylation site of serine 51 (R-R-SP-M-K).
All Sites	Human: Ser51 Mouse: Ser51 Rat: Ser51
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COLO cells, treated with Insulin (0.01U/ml, 15mins), using Vitamin D3 Receptor (Phospho-Ser51) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-VDR antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Baker A.R., Proc. Natl. Acad. Sci. U.S.A. 85:3294-3298(1988). Goto H., Biochim. Biophys. Acta 1132:103-108(1992). Miyamoto K., Mol. Endocrinol. 11:1165-1179(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507883
NCBI GeneID	7421
NCBI Accession #	NP_000367.1
NCBI GenBank Nucleotide #	NM_000376.2
UniProt Accession #	P11473; Q5PSV3; B2R5Q1; G3V1V9
Molecular Weight	53,883 Da
NCBI Official Full Name	vitamin D3 receptor isoform VDRA
NCBI Official Synonym Full Names	vitamin D receptor
NCBI Official Symbol	VDR
NCBI Official Synonym Symbols	NR1I1; PPP1R163
NCBI Protein Information	vitamin D3 receptor
UniProt Protein Name	Vitamin D3 receptor
UniProt Gene Name	VDR
UniProt Synonym Gene Names	NR1I1; VDR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vdr-human-mouse-rat-antibody/vitamin-d3-receptor/110098>