

Product Datasheet

Phospho-Vitamin D3 Receptor (Ser51) Antibody



Catalog No: AY0297

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB

Information

UniProt ID: P11473

All Names: 1,25-dihydroxyvitamin D3 receptor; NR1I1; vitamin D receptor; vitamin D3 receptor

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

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).

Molecular Wt.: 48 kDa

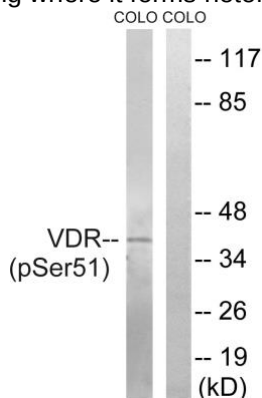
Application

WB 1:500~1:3000

ELISA: 1: 20000

Background

Nuclear receptor for calcitriol, the active form of vitamin D3 which mediates the action of this vitamin on cells (PubMed:28698609, PubMed:16913708, PubMed:15728261, PubMed:10678179). Enters the nucleus upon vitamin D3 binding where it forms heterodimers with the retinoid X receptor/RXR (PubMed:28698609).



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

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