

Anti- Vitamin D3 Receptor (Phospho-Ser51) Polyclonal



Antibody

| Catalog No. | Size |
|-------------|--------|
| A100287-01 | 50 µl |
| A100287-02 | 100 µl |

| | |
|--------------------|---|
| Specificity | Anti- Vitamin D3 Receptor (Phospho-Ser51) (human mouse rat) |
| Source | Rabbit Polyclonal |
| Application | WB ELISA |
| Form | Liquid, 1 mg/ml |

Product

Swiss-Prot No.: P11473

Other Names: 1,25-dihydroxyvitamin D3 receptor; NR1H1; vitamin D receptor; vitamin D3 receptor

Specificity and Sensitivity

Vitamin D3 Receptor (Phospho-Ser51) antibody detects endogenous levels of Vitamin D3 Receptor only when phosphorylated at serine 51.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Vitamin D3 Receptor around the phosphorylation site of serine 51 (R-R-S^P-M-K). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 ELISA: 1:20000

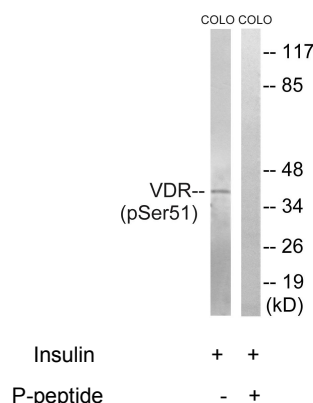
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



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