

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06803-T - Goat Anti-VDR Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** VDR, vitamin D (1,25- dihydroxyvitamin D3) receptor, HGNC:12679, NR1H1, vitamin D (1,25-dihydroxyvitamin D3) receptor

**Official Symbol:** VDR

**Accession Number(s):** NP\_000367.1; NP\_001017535.1

**Human GeneID(s):** [7421](#)

**Non-Human GeneID(s):** 22337 (mouse), 24873 (rat)

**Important Comments:** Both transcript variants (NP\_000367.1; NP\_001017535.1) encode the same protein.

### Immunogen

Peptide with sequence CGNQDYKYRVSD, from the internal region of the protein sequence according to NP\_000367.1; NP\_001017535.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

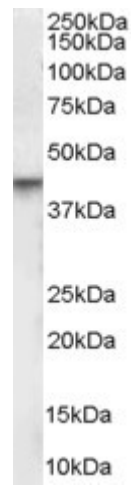
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 40-45kDa band observed in Human Brain lysates (calculated MW of 48.3kDa according to NP\_000367.1 and NP\_001017535.1. Recommended concentration: 0.3-1.0µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB06803 (0.3 $\mu$ g/ml) staining of Human Brain lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.