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**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

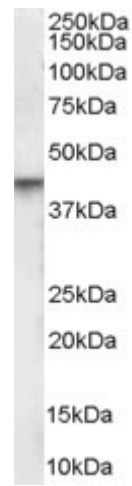
Peptide ELISA: antibody detection limit dilution 1:16000.

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 μ g/ml) staining of Human Brain lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.