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Research Use Only. Not for diagnostic or therapeutic use.

EB06803 - Goat Anti-VDR Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: VDR, vitamin D (1,25- dihydroxyvitamin D3) receptor, HGNC:12679, NR1I1, 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_000367.1and 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 (0.3µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.