

Goat anti-VDR Antibody

Item Number	dAP-0701
Target Molecule	Principle Name: VDR; Official Symbol: VDR; All Names and Symbols: VDR; vitamin D (1,25- dihydroxyvitamin D3) receptor; HGNC:12679; NR1I1; vitamin D (1,25-dihydroxyvitamin D3) receptor; Accession Number (s): NP_000367.1; NP_001017535.1; Human Gene ID(s): 7421; Non-Human GeneID(s): 22337 (mouse) 24873 (rat)
Immunogen	CGNQDYKYRVSD, is from internal region Both transcript variants (NP_000367; NP_001017535) encode the same protein.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	Reference(s): Malerba G, Pignatti PF. A review of asthma genetics: gene expression studies and recent candidates. <i>J Appl Genet.</i> 2005;46(1):93-104. Review. PMID: 15741670 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**