

## Goat anti-VDR Antibody

<b>Item Number</b>	dAP-0701
<b>Target Molecule</b>	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)
<b>Immunogen</b>	CGNQDYKYRVSD, is from internal region Both transcript variants (NP_000367; NP_001017535) encode the same protein.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Malerba G, Pignatti PF. A review of asthma genetics: gene expression studies and recent candidates. J Appl Genet. 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 ender users! This product is sold for **Research Use Only**