

Goat anti-Vitamin D-binding protein / GC Antibody

Item Number	dAP-1435
Target Molecule	Principle Name: Vitamin D-binding protein / GC; Official Symbol: GC; All Names and Symbols: GC; vitamin D-binding protein; group-specific component (vitamin D binding protein); DBP; DBP/GC; VDBG; VDBP; vitamin D binding protein; vitamin D-binding alpha-globulin; vitamin D-binding protein/group specific component; Accession Number (s): NP_000574.2; Human Gene ID(s): 2638; Non-Human GeneID(s):
Immunogen	CDNLSTKNSKFED, is from internal region
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 2000.
Western Blot	Western Blot: Approx 56kDa band observed in Human Lung lysates (calculated MW of 52.9kDa according to NP_000574.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (DiMartino and Kew, J Immunol. 1999)
IHC	
Reference	Reference(s): Sandford AJ, Pare PD. Genetic risk factors for chronic obstructive pulmonary disease. Clin Chest Med. 2000 Dec;21(4):633-43. Review..PMID: 11194775 ->

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**