

Vitamin D-binding Protein Antibody

GC, 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, vitamin D-binding protein/group specific component

CATALOG NO.: 46-573

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

Vitamin D-binding Protein Antibody.

SOURCE:

Vitamin D-binding Protein antibody was raised against a synthetic peptide of Vitamin D-binding Protein.

PROTEIN ACCESSION NUMBER(S) :

NP_000574.2

SPECIES REACTIVITY:

Human

TESTED APPLICATION:

WB, E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:2,000.
Western Blot: Approx 60kDa band observed in Human Liver 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 Aug 15;163(4):2135-42; PMID: 10438954). Recommended concentration: 0.1-0.3µg/ml.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of Vitamin D-binding Protein in Liver lysate (35µg protein in RIPA buffer) using Vitamin D-binding Protein antibody (0.2µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Sandford AJ, Pare PD. Genetic risk factors for chronic obstructive pulmonary disease. Clin Chest Med. 2000 Dec;21(4):633-43. Review.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.