

Anti-Vitamin D Binding protein antibody ab153922

[1 References](#) [3 Images](#)

Overview

Product name	Anti-Vitamin D Binding protein antibody
Description	Rabbit polyclonal to Vitamin D Binding protein
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to a region within amino acids 211-448 of Human Vitamin D Binding protein.
Positive control	Jurkat, K562 and BCL-1 whole cell lysates; Human Cal27 xenograft tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab153922 in the following tested applications.

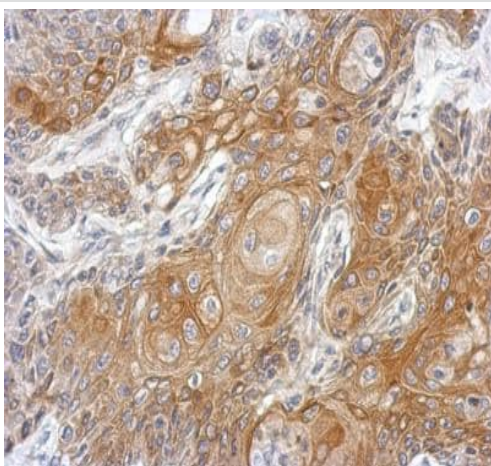
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 53 kDa.
IHC-P		1/100 - 1/1000.

Target

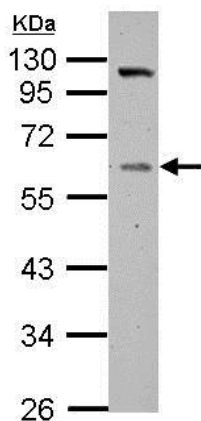
Function	Multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid, and urine and on the surface of many cell types. In plasma, it carries the vitamin D sterols and prevents polymerization of actin by binding its monomers. DBP associates with membrane-bound immunoglobulin on the surface of B-lymphocytes and with IgG Fc receptor on the membranes of T-lymphocytes.
Sequence similarities	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
Cellular localization	Secreted.

Images



Immunohistochemical analysis of paraffin-embedded Cal27 (human) xenograft labeling Vitamin D Binding protein with ab153922 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vitamin D Binding protein antibody (ab153922)

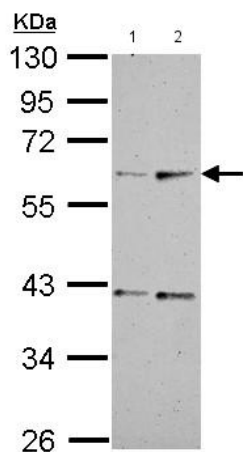


Western blot - Anti-Vitamin D Binding protein antibody (ab153922)

Anti-Vitamin D Binding protein antibody (ab153922) at 1/1000 dilution + Mouse BCL-1 whole cell lysate at 30 µg

Predicted band size: 53 kDa

10% SDS PAGE



Western blot - Anti-Vitamin D Binding protein antibody (ab153922)

All lanes : Anti-Vitamin D Binding protein antibody (ab153922) at 1/1000 dilution

Lane 1 : Jurkat whole cell lysate

Lane 2 : K562 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 53 kDa

10% SDS PAGE

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