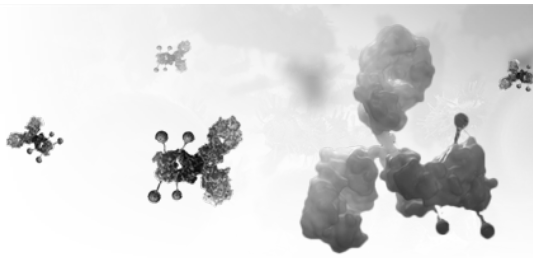

Anti-HCV Core Protein Polyclonal antibody (DPAB0142)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Hepatitis C Virus Core antigen (amino acids 1-120)
Target	HCV Core Protein
Immunogen	Recombinant HCV Core Antigen (genotype 1a)
Source/Host	Goat
Species Reactivity	HCV
Purification	95% pure. Sodium sulfate precipitation & ion-exchange chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been determined but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	4-5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 No stabilizing proteins have been added.
Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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BACKGROUND

Introduction	The hepatitis C virus (HCV) core protein represents the first 191 amino acids of the viral precursor polyprotein and is cotranslationally inserted into the membrane of the endoplasmic reticulum. Hepatitis C virus (HCV) core is a viral structural protein; it also participates in some cellular processes, including transcriptional regulation. However the mechanisms of core-mediated transcriptional regulation remain poorly understood. Hepatitis C virus (HCV) core protein is thought to contribute to HCV pathogenesis through its interaction with various signal transduction pathways. In addition, HCV core antigen is a recently developed marker of hepatitis C infection. The HCV core protein has been previously shown to circulate in the bloodstream of HCV-infected patients and inhibit host immunity through an interaction with gC1qR.
Keywords	Core protein p19; HCV core antigen; HCV core protein; Hepatitis C Virus core protein; Hepatitis C Virus Core Antigen; Hepatitis C virus; HCV; Flaviviridae; Hepacivirus; Hepatitis C virus

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