

HBcAg

Rabbit Polyclonal Antibody

Specificity: Human. Others not known

Immunogen: Hepatitis B virus

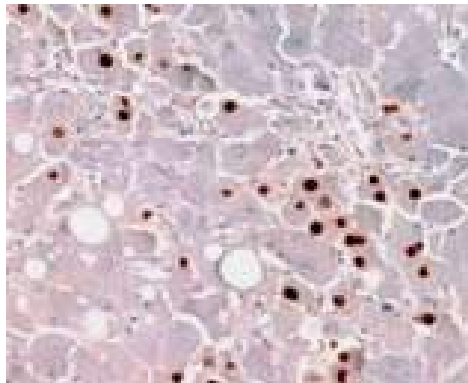
Ig Class: Rabbit IgG

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* No special pretreatment is required for the immunohistochemical staining of formalin-fixed, paraffin-embedded tissues. *Detection methods:* Polymer anti-mouse/rabbit IgG detection system. *Working dilution:* 1:50-100; *Positive Control:* Hepatitis B virus infected liver. *Cellular Localization:* Nuclear. *Intended Use:* Analyte Specific Reagent (ASR).

Description: Hepatitis B virus is spherical in shape with a diameter of 42 nm. It contains a 27 nm partially double stranded DNA core enclosed within a lipoprotein coat. The antigenic activity of the nucleocapsid core is designated as hepatitis B core antigen. The antigens in the outer surface are called as hepatitis B virus surface antigens. Core antigens are localized within the nuclei whereas the surface antigens are present in the cytoplasm of the infected cells. Antibodies to surface antigens appear in circulation at an early stage of infection whereas the antibodies to the core antigens are detected after several weeks.

Supplied As: Purified antibody fraction from rabbit anti-serum in 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human liver infected with hepatitis B virus stained with anti-HBVcAg antibody using peroxidase-conjugate and DAB chromogen. Note the nuclear staining of infected hepatocytes

Cat. #Z2085 (1.0 ml)

