Rabbit anti Hepatitis B virus core Ag Polyclonal Antibody

Alternative Name(s): Hepatitis B Virus, core protein

Order Information

- **Description:** Hepatitis B virus core Ag
- **Catalogue:** 500-1704
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), ELISA
- **Reactivity:** Hu

ANTIGEN PREPARATION

A synthetic peptide derived from internal sequence (31-178aa) of human hepatitis B Core Antigen

BACKGROUND

The strain of human hepatitis B virus causes severe damage in liver. The Hepatitis B core antibody is the earliest antibody to
develop in response to acute hepatitis B virus infection. The anti-HBc typically persists for life, The serologic heterogeneity of
the hepatitis B virus (HBV) has been established from immunodiffusion experiments for a long time. With the combination of
detecting HBc, HBs, HBe and the antibodies, the results provide clinical evaluation in blood donation, vaccination, etc.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antbody recognizes Hepatitis B virus core Ag

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 1.5
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

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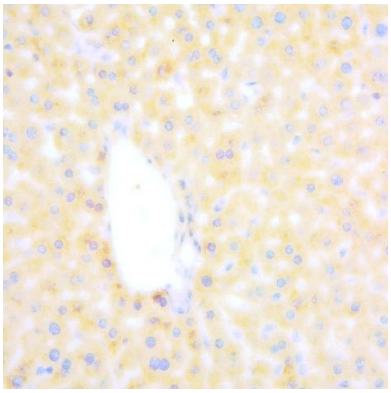
DATA ATTACHMENTS



Immunohistochemistry: Human Liver carcinoma (FFPE) stained with Rabbit anti-HBV core antigen (Cat#500-1704) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

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