

Rabbit anti-Human Hepatitis B Virus Core Antigen Polyclonal Antibody

Hepatitis B Virus Core Antigen (polyclonal)

CATALOG # AAA59344	HOST Rabbit	REACTIVITY Human
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PRODUCT SYNONYMS

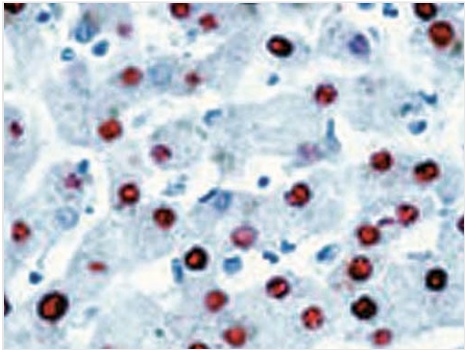
Hepatitis B Virus Core Antigen; Polyclonal Antibody; Hepatitis B Virus Core Antigen (polyclonal); HBcAg; anti-Hep B cAg; anti Hep B cAg; anti-HBcAG; anti HBcAG; anti-Hepatitis B Virus Core Antigen; anti Hepatitis B Virus Core Antigen; hcv core; e antigen precursor core antigen hepatitis B virus; subtype adr and others; Hepatitis B virus; HBV serum; hepatitis; Hepatitis B core antigen HBV; Hepadnavirus; HBV related antigen; anti HBc; anti HBe; HBeAg; anti-Hepatitis B Virus Core Antigen antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Form/Format	Hepatitis B Virus Core Antigen is a purified immunoglobulin fraction of rabbit antiserum that is filtered sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative
Immunogen	Purified Hepatitis B virus.
Control	Hepatitis B Infected Liver.
Localization	Nuclear
Precautions	1.This product contains <0.1% sodium azide (NaN₃) as a preservative. Ensure proper handling procedures are used with this reagent. 2. Always wear personal protective equipment such as laboratory coat, goggles and gloves when handling reagents. 3. Dispose of unused solution with copious amount of water. 4. Do not ingest reagent. If reagent is ingested, seek medical advice immediately. 5. Avoid contact with eyes. If contact occurs, flush with large quantities of water. 6. Follow safety precautions of the heating device used for epitope retrieval (TintoRetriever Pressure Cooker or similar). 7. For additional safety information please request Data Sheet for this product. 8.For complete recommendations for handling biological specimens, please refer to the CDC document, "Guidelines for Safe Work Practices in Human and AMDL" (see References in this document).
Mounting Protocols	For detailed instructions using biodegradable permanent mounting media such as XyGreen PermaMounter or organic solvent based resin such as PermaMounter.
Product Limitations	Paraffin sections: Due to inherent variability present in immunohistochemical procedures (including fixation time of tissues, dilution factor of antibody, retrieval method utilized and incubation time), optimal performance should be established through the use of positive and negative controls.
Preparation and Storage	Store at 2-8 degree C. Do not use after expiration date listed on package label. Temperature fluctuations should be avoided. Store appropriately when not in use, and avoid prolonged exposure to room temperature conditions.

IMAGES

Step	ImmunoDetector AP/HRP	PolyDetector AP/HRP	PolyDetector Plus HRP
Peroxidase/AP Blocker	5 min.	5 min.	5 min.
Primary Antibody	30-60 min.	30-60 min.	30-60 min.
1st Step Detection	10 min.	30-45 min.	15 min.
2nd Step Detection	10 min.	Not Applicable	15 min.
Substrate-Chromogen	5-10 min.	5-10 min.	5-10 min.
Counterstain / Coverslip	Varies	Varies	Varies



IHC (Immunohistochemistry)
Hepatitis B Virus Core Antigen Immunohistochemistry on an FFPE Infected Liver Tissue

Application Data
Quality Control Procedure

Antibody Type	Dilution	Volume/Qty
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-Hepatitis B Virus Core Antigen antibody

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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hepatitis-b-virus-core-antigen-antibody-elisa/59344>