

HBcAg (HBV) Polyclonal Antibody | anti-HBcAg antibody

Anti-HBcAg (HBV), rabbit IgG

CATALOG #
AAA13719

APPLICATIONS
Western Blot, ELISA

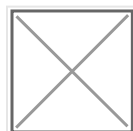
PRODUCT SYNONYMS

HBcAg (HBV); Polyclonal Antibody; Anti-HBcAg (HBV); rabbit IgG; anti-HBcAg antibody

PRODUCT SPECIFICATIONS

Clonality	Polyclonal
Isotype	IgG
Specificity	Reacts with HBV HBcAg antigen. Cross-reactivity to other protein not tested.
Purity/Purification	Immunoaffinity chromatography
Form/Format	2 ug/ul in PBS with less than 0.1% gelatin and 0.1% sodium azide.
Sequence Length	185
Applicable Applications for anti-HBcAg antibody	WB (Western Blot), ELISA
Application Notes	Western Blot: (1:200-1:1000), may be used for other applications.
Immunogen	<i>in vivo</i> expressed HBcAg protein (GenBank accession #AY040627).
Preparation and Storage	Store at -20 degrees C; Stable for 6 months from the date of receipt when kept at 4 degrees C. Non-hazardous. No MSDS required.

IMAGES



WB (Western Blot)

C:293 cell extract controlE:293 cell expressing HBcAg(HBV)

ADDITIONAL INFORMATION

Related Product Information for anti-HBcAg antibody	Introduction: HBV has a small (3.2 kb), partially double-stranded, relaxed-circular DNA genome that encodes four overlapping ORFs. The largest ORF encodes the viral polymerase, which also has reverse transcriptase. The second largest ORF encodes the three viral envelope proteins: large (L-), middle (M-), and small (S-) surface antigen (HBsAg). Another ORF encodes precore, also referred to as HBV E antigen (HBeAg), and the core protein, which makes up the viral capsid. Finally, the smallest ORF encodes the HBV X protein (HBx), a small regulatory protein that has been shown to be required for HBV replication both in vitro and in vivo. Description: Anti-HBcAg rabbit polyclonal antibody.
Product Categories/Family for anti-HBcAg antibody	Antibodies for Infectious Diseases (rabbit Polyclonal unless specified); Affinity Purified Rabbit Polyclonal Antibodies against Hepatitis Virus

NCBI AND UNIPROT INFORMATION

NCBI GI #	22530877
NCBI Official Full Name	HBcAg
UniProt Protein Name	C protein
UniProt Gene Name	C
UniProt Entry Name	Q67855_HBV

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/hbcag-hbv-antibody-western-blot-elisa/13719>