

HBsAg (Pre-S2 Specific) Antibody | anti-HBsAg antibody

Anti-HBsAg (Pre-S2 Specific), rabbit IgG

CATALOG #
AAA62109

APPLICATIONS
ELISA, Western Blot

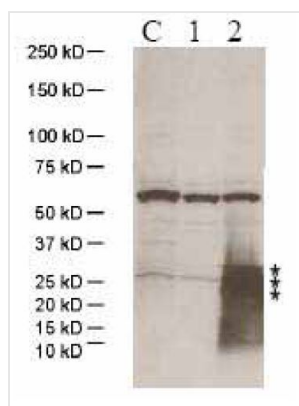
PRODUCT SYNONYMS

HBsAg (Pre-S2 Specific); Anti-HBsAg (Pre-S2 Specific); rabbit IgG; anti-HBsAg antibody

PRODUCT SPECIFICATIONS

Isotype	IgG
Specificity	Reacts with PreS2 of HBsAg antigen from HBV. Not cross-react to HBsAg antigen
Purity/Purification	Immunoaffinity chromatography
Form/Format	PBS with less than 0.1% gelatin and 0.1% sodium azide
Concentration	2 ug/ul (varies by lot)
Applicable Applications for anti-HBsAg antibody	ELISA, WB (Western Blot)
Immunogen	In vivo expressed full-length HBsAg PreS2 protein (GenBank accession # AY040627)
Preparation and Storage	Store at -20°C. Non-hazardous. No MSDS required.

IMAGES



Application Data

C: 293 cell extract control
1: 293 cell expressing HBsAg
2: 293 cell expressing PreS2
Note: three different forms of PreS2 detected

ADDITIONAL INFORMATION

Related Product Information for anti-HBsAg antibody	HBV encodes three envelope proteins, or surface antigens, that make up the viral envelope: large (L), middle (M), and small (S) surface antigen. The smallest envelope protein, or S (24 kD), is 226 amino acids (aa) in length and makes up a shared C-terminal region of the two longer envelope proteins. The M protein (31 kD) contains the S sequence with a 55aa N-terminal extension known as preS2. The L protein (39 kD), the largest of the envelope proteins, contains S, preS2, and an additional 108aa or 119aa (depending on the genotype) N-terminal extension known as preS1. Anti-PreS2 rabbit polyclonal antibody
Product Categories/Family for anti-HBsAg antibody	Antibodies for Infectious Diseases (rabbit Polyclonal unless specified); Affinity Purified Rabbit Polyclonal Antibodies against Hepatitis Virus

NCBI AND UNIPROT INFORMATION

NCBI GI #	114054630
NCBI Official Full Name	HBsAg, partial
UniProt Protein Name	HBsAg
UniProt Gene Name	HBsAg
UniProt Entry Name	Q09LT5_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/antibody/hbsag-pre-s2-specific/62109>