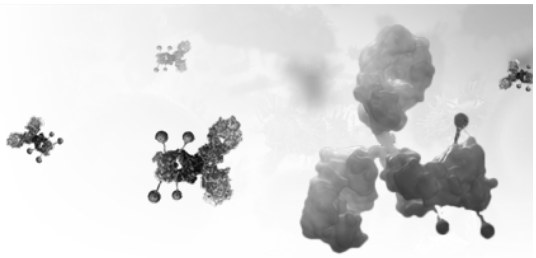

Anti-HBV Surface Antigen Polyclonal antibody (DPAB1418)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Monospecific to purified surface antigen HBsAg
Target	HBV Surface Antigen
Immunogen	Mixture of subtypes ad & ay Hepatitis B surface antigen purified from human serum
Source/Host	Goat
Species Reactivity	HBV
Purification	95% pure. Sodium sulfate precipitation and ion-exchange chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Also suitable for conjugation. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	4-5mg/ml (OD280nm, E0.1%=1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 Product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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BACKGROUND

Introduction	HepatitisB Virus (HBV) infection induces a disease state which manifests itself in avariety of ways, characterized by the extent of liver damage, inflammationand viral persistence. HBV infection is also associated with a 100 foldincreased risk of hepatocellular carcinoma and currently infects over 250million people worldwide. HBV has a partially double stranded 3.2 kilobaseDNA genome which contains four open reading frames. One of these encodes a154 amino acid protein called the HBx protein. HBx has been shown to be atranscriptional transactivator of both viral and cellular promoters. Lackinga DNA binding domain and nuclear localization signal, HBx is believed toexert transcriptional activity through protein protein interaction.
Keywords	HBsAg; Hep B surface antigen; Hepatitis B Virus major surface antigen; Hepatitis B virus S antigen; Large envelope protein; Large surface protein; LHB; Major surface antigen

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