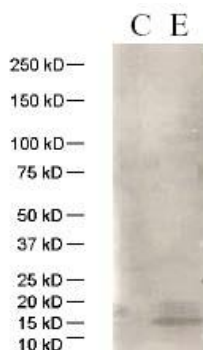


Anti-HBeAg (HBV) Polyclonal Antibody

CATALOG NUMBER: HV-003-0100, 100 µg

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 <i>in vitro</i> and <i>in vivo</i> .
Applications	Western blot (1:200-1:1000) and ELISA (1:1000-1:5000), May be used for other applications.
Description	Anti-HBeAg rabbit polyclonal antibody
Immunogen	<i>in vivo</i> expressed hepatitis B virus HBeAg antigen (GenBank accession #AAO63518)
Specificity	Reacts with HBV HBeAg proteins. Cross-reactivity to other subtypes not tested.
Purification	Immunoaffinity chromatography
Isotype	IgG
Storage	Long-term storage at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Concentration	2 µg/µl in PBS with less than 0.1% gelatin and 0.1% sodium azide



WB:

C: 293 cell extract control

E: 293 cell expressing HBeAg antigen (HBV)