

## HBcAg Antibody HRP Conjugated

Catalog No: #C03402H

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	HBcAg Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ELISA
Species Reactivity	Hepatitis B Virus
Crossing Reactivity	Hepatitis B Virus
Immunogen Description	KLH conjugated synthetic peptide derived from Hepatitis B Virus Core Antigen
Conjugates	HRP
Target Name	HBcAg
Other Names	C; Capsid protein; Core and e antigen; Core antigen; Core antigen; Core protein; HBc; HBcAg; HBVgp4; Hepatitis B Virus core antigen; p21.5; precore core protein; CAPSD_HBVA3.
Excitation Emission	N/A
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

ELISA 1:100-1000

## Background

Hepatitis B Virus Core Antigen (HBcAg) is part of the infectious virion containing an inner "core particle" enclosing the viral genome. The icosahedral core particle contains 180 or 240 copies of the core protein. HBcAg is one of the three major clinical antigens of hepatitis B virus but disappears early in the course of infection. The hepatitis B virus core antigen (HBcAg) is a highly immunogenic subviral particle and functions as both a T-cell-dependent and a T-cell-independent antigen. Therefore, HBcAg may be a promising candidate target for therapeutic vaccine control of chronic HBV infection.

Note: This product is for in vitro research use only