Hepatitis B virus X protein Antibody HRP Conjugated

Catalog No: #C03971H

Package Size: #C03971H 100ul

Signalway Antibody
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Description

Product Name	Hepatitis B virus X protein Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hepatitis B virus
Crossing Reactivity	Hepatitis B virus
Immunogen Description	KLH conjugated synthetic peptide aa 10-60 210 derived from Hepatitis B virus X protein
Conjugates	HRP
Target Name	Hepatitis B virus X protein
Other Names	HBX; pre-X protein; HB-X; X protein; HBV X protein; X protein [Hepatitis B virus].
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

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

Multifunctional protein that may modulate protein degradation pathways, apoptosis, transcription, signal transduction, cell cycle progress, and genetic stability by directly or indirectly interacting with hosts factors. Does not seem to be essential for HBV infection. May be directly involved in development of cirrhosis and liver cancer (hepatocellular carcinoma). Most of cytosolic activities involve modulation of cytosolic calcium. The effect on apoptosis is controversial depending on the cell types in which the studies have been conducted. By binding to human DDB1, may affect cell viability and stimulate genome replication. May induce apoptosis by localizing in mitochondria and causing loss of mitochondrial membrane potential. May also modulate apoptosis by binding human CFLAR, a key regulator of the death-inducing signaling complex (DISC). Moderately stimulates transcription of many different viral and cellular transcription elements. Promoters and enhancers stimulated by HBx contain DNA binding sites for NF-kappa-B, AP-1, AP-2, c-EBP, ATF CREB, or the calcium-activated factor NF-AT. May bind bZIP transcription factors like CREB1 (By similarity).