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Datasheet for ABIN2140105 **anti-HBV PreS2 antibody (AA 132-145)**

Overview

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|----------------------|--|
| Quantity: | 100 µg |
| Target: | HBV PreS2 |
| Binding Specificity: | AA 132-145 |
| Reactivity: | Hepatitis B Virus (HBV) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HBV PreS2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|---------------|--|
| Immunogen: | Hepatitis B Virus PreS2 antibody was raised in rabbit using AA 132-145 [CQDPRVRGLYFPAGG] of the 42 kDa preS2 HBV protein as the immunogen. |
| Isotype: | IgG |
| Purification: | Affinity chromatography purified |

Target Details

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|-------------------|---|
| Target: | HBV PreS2 |
| Alternative Name: | Hepatitis B Virus PreS2 (HBV PreS2 Products) |
| Target Type: | Viral Protein |
| Background: | Hepatitis B virus, abbreviated HBV, is a species of the genus Orthohepadnavirus, which is |

Target Details

likewise a part of the Hepadnaviridae family of viruses. This virus causes the disease hepatitis B. The HBV surface protein antigens (HBsAg) are comprised of three carboxyl co terminal HBs proteins termed large (LHBs), middle (MHBs) and small (SHBs, also called major) protein. LHBs and MHBs also share the highly hydrophobic, repetitive, membrane spanning S domain. In addition, MHBs has a 55 amino acid region called preS2.

Application Details

Application Notes: WB: 1:500-1:1,000
Optimal conditions should be determined by the investigator.

Comment: Residues 132-145 represent a B-cell epitope.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: Affinity purified IgG supplied in PBS with 0.02 % Sodium azide.

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.