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Datasheet for ABIN1396812
anti-HCV NS4b antibody (AA 1712-1820) (Biotin)

Overview

Quantity:	100 µL
Target:	HCV NS4b
Binding Specificity:	AA 1712-1820
Reactivity:	Hepatitis C Virus (HCV), Virus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCV NS4b antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Hepatitis C Virus NS4B
Isotype:	IgG
Cross-Reactivity:	Virus
Cross-Reactivity (Details):	HCV
Purification:	Purified by Protein A.

Target Details

Target:	HCV NS4b
Alternative Name:	Hepatitis C Virus NS4B (HCV NS4b Products)

Target Details

Target Type: Viral Protein

Background: Synonyms: HCV, HCV NS4B, Non structural protein 4B, NS4B, p27.
Background: HCV is a positive, single-stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non-structural protein necessary for viral replication. NS4B induces a specific membrane alteration that serves as a scaffold for the virus replication complex. This membrane alteration gives rise to the so-called ER-derived membranous web that contains the replication complex.

UniProt: [P26663](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months
