

AP00759PU-N**Polyclonal Antibody to HCV NS4 - Purified****Alternate names:**

Hepatitis C Virus, NS4B, Non-structural protein NS4A

Quantity:

1 ml

Concentration:

4-5mg/ml (OD280nm, E0.1% = 1.4)

Background:

Hepatitis C Virus 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 proteins necessary for viral replication. Several different genotypes of HCV with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha.

Host:

Goat

Immunogen:

Recombinant NS-4 (genotype 1a)

Format:**State:** Liquid purified Ig**Purification:** >95% pure. Sodium sulfate precipitation & ion-exchange chromatography**Buffer System:** 0.01M PBS, pH 7.2 containing 0,09% sodium azide**Applications:**

ELISA.

Western Blot.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody reacts to Hepatitis C Virus, NS-4 Region.

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.