

# Anti-Hepatitis C Virus NS3 antibody ab21124

## 6 References

### 製品の概要

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製品名	Anti-Hepatitis C Virus NS3 antibody
製品の詳細	Goat polyclonal to Hepatitis C Virus NS3
由来種	Goat
アプリケーション	<b>適用あり:</b> ELISA, ICC/IF, WB
種交差性	<b>交差種:</b> Hepatitis C virus
免疫原	Recombinant full length protein (genotype 1a).
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.1% Sodium azide Constituent: 0.0268% PBS
精製度	Ion Exchange Chromatography
特記事項(精製)	Sodium sulfate precipitation & ion-exchange chromatography.
ポリモノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent dilution.
ICC/IF		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution. Predicted molecular weight: 72 kDa.

## ターゲット情報

**関連性**

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 including NS3, and several non-structural proteins necessary for viral replication. The NS3 part of the polyprotein displays three enzymatic activities: serine protease, NTPase and RNA helicase. The NS3 serine proteinase (NS3P) is a non-structural hepatitis C protein responsible for proteolytic processing of other non-structural proteins; because of this, it is also the most extensively studied protein of the Hepatitis C genome. It is responsible for proteolytic processing of the entire downstream region of the HC polyprotein, catalyzing cleavage at the NS3/NS4a, NS4a/NS4b, NS4b/NS5a, and NS5a/NS5b sites to release the mature NS3, NS4a, NS4b, NS5a, and NS5b proteins. For proper function, NS3 requires NS4a as a cofactor, but, interestingly enough, NS3 also cleaves the NS4a protein. The molecular weight of the monomer NS3P is 70 kDa.

**細胞内局在** Endoplasmic reticulum membrane

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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