

# Anti-Hepatitis A Virus antibody ab20269

## Overview

<b>Product name</b>	Anti-Hepatitis A Virus antibody
<b>Description</b>	Goat polyclonal to Hepatitis A Virus
<b>Host species</b>	Goat
<b>Specificity</b>	All viral antigens. Negative cross reactivity against MRC5 cells.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Hepatitis A virus
<b>Immunogen</b>	Tissue, cells or virus corresponding to Hepatitis A Virus. Purified virions of strain HM175.
<b>General notes</b>	<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>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: 0.0268% PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Sodium sulfate precipitation and ion exchange chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab20269 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/1000. This product may be used in place of neat antiserum in almost any appropriate antibody-based technique.

## Target

### Relevance

Hepatitis A Virus (HAV) is a 27nm nonenveloped, spherical, positive stranded RNA virus, classified within the genus hepatovirus of the picornavirus family and is among the smallest and structurally simplest of the RNA animal viruses. A single large polyprotein is expressed from a large open reading frame extending through most of the genomic RNA. This polyprotein is subsequently cleaved by a viral protease (3Cpro) to form three (possibly four) capsid proteins and several nonstructural proteins. HAV genomic replication occurs exclusively in the cytoplasm of the infected hepatocyte by a mechanism involving an RNA-dependent RNA polymerase.

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

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