

Product datasheet for **AP00754PU-N**

Hepatitis A Virus / HAV (Strain HM175) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Hepatitis A Virus
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Purified virions of strain HM175
Specificity:	This antibody reacts to Hepatitis A Virus (HAV). All viral antigens. Negative cross-reactivity against MRC5 cells.
Formulation:	0.01M PBS, pH 7.2 containing 0,09% Sodium Azide as preservative without stabilizing proteins State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Sodium Sulfate Precipitation and Ion Exchange Chromatography
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Background:	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.



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