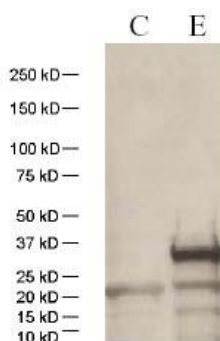


Anti-VP3 Capsid Protein (HAV) Polyclonal Antibody

CATALOG NUMBER: HV-012-0100, 100 µg

Introduction	<p>Hepatovirus A is a picornavirus; it is a non-enveloped, 27 nm virus particle, with an icosahedral structure, and a positive-stranded RNA genome. Only one serotype of the virus has been found, but multiple genotypes exist.</p> <p>The HAV genome consists of ~7500 nucleotides and divided into a 5' non-coding region (5'NCR), a giant open reading frame (ORF), and a 3' non-coding region (3'NCR). The ORF is translated and simultaneously processed by a viral protease to make 4 structural proteins (VP1-4) and 7 non-structural proteins (2A, 2B, 2C, 3A, 3B, 3C, 3D).</p>
Applications	Western blot (1:200-1:1000) and ELISA (1:1000-1:5000), May be used for other applications.
Description	Anti-VP3 (HAV) rabbit polyclonal antibody
Immunogen	<i>in vivo</i> expressed full-length hepatitis A virus VP3 capsid protein (GenBank accession # AAM08224)
Specificity	Reacts with HAV VP3 and VP3 precursor proteins. Cross-reactivity to other subtypes not tested.
Purification	Immunoaffinity chromatography
Isotype	IgG
Storage	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Concentration	2 µg/µl in PBS with less than 0.1% gelatin and 0.1% sodium azide



WB:

C: 293 cell extract control
E: 293 cell expressing VP3 (HAV)

