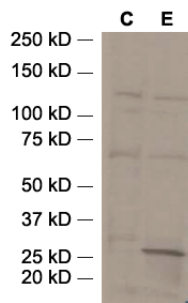


## Anti-VP4 (HAV) Polyclonal Antibody

CATALOG NUMBER: HV-013-0100, 100 µg

<b>Introduction</b>	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. 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).
<b>Applications</b>	Western blot (1:200-1:1000) and ELISA (1:1000-1:5000), May be used for other applications.
<b>Description</b>	Rabbit polyclonal anti-VP4 (HAV) antibody
<b>Immunogen</b>	<i>in vivo</i> expressed full-length hepatitis A virus VP4 protein (GenBank accession #AAM08224)
<b>Specificity</b>	Reacts with HAV VP4 and VP4 precursor proteins. Cross-reactivity to other subtypes not tested.
<b>Purification</b>	Immunoaffinity chromatography
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Concentration</b>	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 VP4 (HAV)