

Rabbit Hepatitis E virus genotype 1 Non-structural polyprotein pORF1 Polyclonal Antibody | anti-ORF1 antibody

Rabbit anti-Hepatitis E virus genotype 1 Non-structural polyprotein pORF1 polyclonal Antibody, HRP conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118396	Rabbit	Hepatitis E virus genotype 1	ELISA

PRODUCT SYNONYMS

Hepatitis E virus genotype 1 Non-structural polyprotein pORF1; Polyclonal Antibody; Rabbit anti-Hepatitis E virus genotype 1 Non-structural polyprotein pORF1 polyclonal Antibody; HRP conjugated; Methyltransferase; Putative papain-like cysteine protease; NTPase/helicase; RNA-directed RNA polymerase; RdRp; Non-structural polyprotein pORF1 [Includes: Methyltransferase (EC 2.1.1.-) (EC 2.7.7.-); Putative papain-like cysteine protease (PLP) (EC 3.4.22.-); NTPase/helicase (EC 3.6.4.-); RNA-directed RNA polymerase (RdRp) (EC 2.7.7.48)]; anti-ORF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Hepatitis E virus genotype 1
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Sequence Length	1693
Applicable Applications for anti-ORF1 antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	HRP
Immunogen	Recombinant Hepatitis E virus genotype 1 Non-structural polyprotein pORF1 protein(60-240AA)
Immunogen Species	Hepatitis E virus genotype 1 (isolate Human/Pakistan/Sar-55) (HEV-1)
Research Area	Others
Target Names	ORF1
Preparation and Storage	Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-ORF1 antibody	Methyltransferase displays a cytoplasmic capping enzyme activity. This function is necessary since all viral RNAs are synthesized in the cytoplasm, and host capping enzymes are restricted to the nucleus. The enzymatic reaction involves a covalent link between 7-methyl-GMP and the methyltransferase, whereas eukaryotic capping enzymes form a covalent complex only with GMP. Methyltransferase catalyzes transfer of a methyl group from S-adenosylmethionine to GTP and GDP to yield m7GTP or m7GDP. GMP, GpppG, and GpppA were poor substrates for the methyltransferase. This enzyme also displays guanylyltransferase activity to form a covalent complex, methyltransferase-m7GMP, from which 7-methyl-GMP is transferred to the mRNA to create the cap structure. Cap analogs such as m7GTP, m7GDP, et2m7GMP, and m2et7GMP inhibit the methyltransferase reaction (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4033773
UniProt Accession #	P33424; Q8UYD6
NCBI Official Full Name	Non-structural polyprotein pORF1
UniProt Protein Name	Non-structural polyprotein pORF1
UniProt Gene Name	ORF1
UniProt Synonym Gene Names	PLP; RdRp
UniProt Entry Name	POLN_HEVPA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hepatitis-e-virus-genotype-1-non-structural-polyprotein-porf1-antibody-elisa/118396>