

Rabbit Norovirus Capsid protein VP1 Polyclonal Antibody | anti-VP1 antibody

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CATALOG # AAA291835	HOST Rabbit	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Norovirus Capsid protein VP1; Polyclonal Antibody; Norovirus Capsid protein VP1 Polyclonal Antibody; Capsid protein VP1; CP; p59; Soluble capsid protein; Protein 30k; p30; ORF2; anti-VP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce
Applicable Applications for anti-VP1 antibody	ELISA
Function	[Capsid protein VP1]: Capsid protein self assembles to form an icosahedral capsid with a T=3 symmetry, about 38 nm in diameter, and consisting of 180 capsid proteins (PubMed:). A smaller form of capsid with a diameter of 23 nm might be capsid proteins assembled as icosahedron with T=1 symmetry (PubMed: , PubMed:). The capsid encapsulates the genomic RNA and is decorated with VP2 proteins. Attaches virion to target cells by binding histo-blood group antigens (HBGAs) present on gastroduodenal epithelial cells (PubMed: , PubMed: , PubMed:).
Cellular Location	[Capsid protein VP1]: Virion. Host cytoplasm.
Preparation and Storage	Store at -20 degree C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 degree C.

NCBI AND UNIPROT INFORMATION

NCBI GI #	106060736
NCBI GeneID	1491972
NCBI Accession #	NP_056821.2
NCBI GenBank Nucleotide #	NC_001959.2
UniProt Accession #	Q83884
Molecular Weight	56589
NCBI Official Full Name	58 kd capsid protein
NCBI Official Symbol	NVgp2
NCBI Protein Information	58 kd capsid protein
UniProt Protein Name	Capsid protein VP1
UniProt Gene Name	ORF2
UniProt Synonym Gene Names	CP; p30

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/norovirus-capsid-protein-vp1-antibody-elisa/291835>