

Datasheet for ABIN7167897

**anti-Genome Polyprotein (LOC100493440) (AA 575-866)  
antibody (FITC)**[Go to Product page](#)

## Overview

|                      |                                   |
|----------------------|-----------------------------------|
| Quantity:            | 100 µg                            |
| Target:              | Genome Polyprotein (LOC100493440) |
| Binding Specificity: | AA 575-866                        |
| Reactivity:          | Rhinovirus A                      |
| Host:                | Rabbit                            |
| Clonality:           | Polyclonal                        |
| Conjugate:           | FITC                              |
| Application:         | Please inquire                    |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human rhinovirus A serotype 89 Genome polyprotein protein (575-866AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Rhinovirus A  |
| Purification:     | >95%, Protein G purified  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | Genome Polyprotein (LOC100493440)   |
| Alternative Name: | Genome polyprotein ( <a href="#">LOC100493440 Products</a> )                            |
| Target Type:      | Viral Protein   |
| Background:       | Background: Capsid protein VP1: Forms an icosahedral capsid of pseudo T=3 symmetry with |

## Target Details

capsid proteins VP2 and VP3. The capsid is 300 Angstroms in diameter, composed of 60 copies of each capsid protein and enclosing the viral positive strand RNA genome. Capsid protein VP1 mainly forms the vertices of the capsid. Capsid protein VP1 interacts with host cell receptor to provide virion attachment to target host cells. This attachment induces virion internalization. Tyrosine kinases are probably involved in the entry process. After binding to its receptor, the capsid undergoes conformational changes. Capsid protein VP1 N-terminus (that contains an amphipathic alpha-helix) and capsid protein VP4 are externalized. Together, they shape a pore in the host membrane through which viral genome is translocated to host cell cytoplasm. After genome has been released, the channel shrinks.

Aliases: Genome polyprotein [Cleaved into: P1, Capsid protein VP0 antibody, VP4-VP2), Capsid protein VP4 antibody, P1A antibody, Virion protein 4), Capsid protein VP2 antibody, P1B antibody, Virion protein 2), Capsid protein VP3 antibody, P1C antibody, Virion protein 3), Capsid protein VP1 antibody, P1D antibody, Virion protein 1), P2, Protease 2A antibody, P2A antibody, EC 3.4.22.29 antibody, Picornain 2A antibody, Protein 2A), Protein 2B antibody, P2B), Protein 2C antibody, P2C antibody, EC 3.6.1.15), P3, Protein 3AB, Protein 3A antibody, P3A), Viral protein genome-linked antibody, VPg antibody, Protein 3B antibody, P3B), Protein 3CD antibody, EC 3.4.22.28), Protease 3C antibody, EC 3.4.22.28 antibody, Picornain 3C antibody, P3C), RNA-directed RNA polymerase antibody, RdRp antibody, EC 2.7.7.48 antibody, 3D polymerase antibody, 3Dpol antibody, Protein 3D antibody, 3D)] antibody

UniProt: [P07210](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.