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Datasheet for ABIN7141161

**anti-Genome Polyprotein (LOC100493440) antibody**

## Overview

Quantity:	100 µg
Target:	Genome Polyprotein (LOC100493440)
Reactivity:	Dengue virus type 1
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA

## Product Details

Immunogen:	Recombinant Dengue virus type 1 Genome polyprotein protein
Isotype:	IgG
Cross-Reactivity:	Dengue virus type 1
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 C self-assembles to form an icosahedral capsid about 30 nm in diameter. The capsid encapsulates the genomic RNA, prM acts as a chaperone for envelope

## Target Details

protein E during intracellular virion assembly by masking and inactivating envelope protein E fusion peptide. prM is matured in the last step of virion assembly, presumably to avoid catastrophic activation of the viral fusion peptide induced by the acidic pH of the trans-Golgi network. After cleavage by host furin, the pr peptide is released in the extracellular medium and small envelope protein M and envelope protein E homodimers are dissociated .

Aliases: Genome polyprotein [Cleaved into: Capsid protein C antibody, Capsid protein antibody, Core protein), Protein prM antibody, Precursor membrane protein), Peptide pr antibody, Peptide precursor), Small envelope protein M antibody, Matrix protein), Envelope protein E, Non-structural protein 1 antibody, NS1), Non-structural protein 2A antibody, NS2A), Serine protease subunit NS2B antibody, Flavivirin protease NS2B regulatory subunit antibody, Non-structural protein 2B), Serine protease NS3 antibody, EC 3.4.21.91 antibody, EC 3.6.1.15 antibody, EC 3.6.4.13 antibody, Flavivirin protease NS3 catalytic subunit antibody, Non-structural protein 3), Non-structural protein 4A antibody, NS4A), Peptide 2k, Non-structural protein 4B antibody, NS4B), RNA-directed RNA polymerase NS5 antibody, EC 2.1.1.56 antibody, EC 2.1.1.57 antibody, EC 2.7.7.48 antibody, Non-structural protein 5)] antibody

UniProt: [P17763](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.