

Genome Polyprotein Antibody

Catalogue No.: abx109417

Genome Polyprotein Antibody is a Rabbit Polyclonal antibody against Genome Polyprotein found in the Dengue virus. The genome polyprotein is cleaved into several chains. 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 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.

Target:	Genome Polyprotein
Reactivity:	Virus
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	ELISA
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Recombinant Dengue virus Genome poly protein.
Purity:	> 95%
Purification:	Protein G.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	P17763
GeneID:	5075725
Buffer:	0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

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Note: This product is for research use only.