Genome polyprotein Antibody

PACO33948

Product Information

Size:

50ug

Reactivity:

Dengue virus type 1

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:

Protein 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 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 acid, c 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.

Gene ID:

Uniprot

P17763

Synonyms:

Genome polyprotein [Cleaved into: Capsid protein C (Capsid protein) (Core protein); Protein prM (Precursor membrane protein); Peptide pr (Peptide precursor); Small envelope protein M (Matrix protein); Envelope protein E; Non-structural protein 1 (NS1); Non-structural protein 2A (NS2A)]

Immunogen:

Recombinant Dengue virus type 1 Genome polyprotein protein.

Storage:

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

Product Images

N/A N/A

