

## Dengue virus NS4A protein antibody

Cat. No. GTX132069

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Dengue virus 2

References ( 4 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 16 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.12 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length Dengue virus NS4A recombinant protein. (Dengue virus 2 (strain 16681 PDK 53))
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

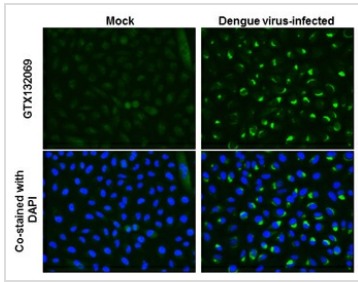
## Note

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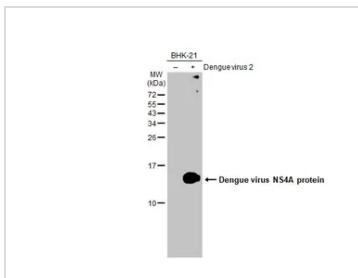
**DATA IMAGES**

**GTx132069 ICC/IF Image**

Dengue virus NS4A protein antibody detects Dengue virus NS4A protein at cytoplasm by immunofluorescent analysis.

Sample: Mock and infected A549 cells were fixed in 4% paraformaldehyde at RT for 1 hr.

Green: Dengue virus NS4A protein stained by Dengue virus NS4A protein antibody (GTx132069) diluted at 1:720.

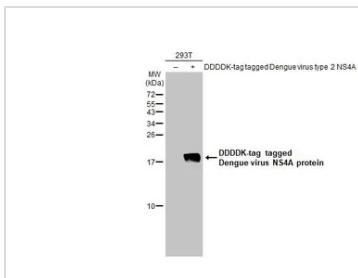
Blue: nuclear staining.


**GTx132069 WB Image**

Non-infected (–) and infected (+) BHK-21 whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and

the membrane was blotted with Dengue virus NS4A protein antibody (GTx132069) diluted at 1:1000. The

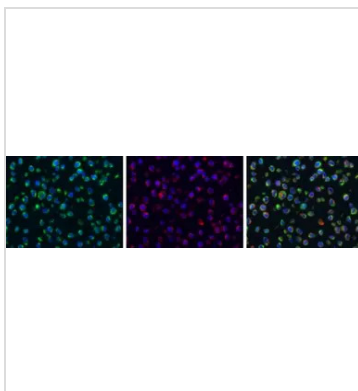
HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx132069 WB Image**

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE,

and the membrane was blotted with Dengue virus NS4A protein antibody (GTx132069) diluted at 1:5000.

The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx132069 IHC-P Image**

Dengue virus NS4A protein antibody detects Dengue virus NS4A protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded BHK-21 infected with dengue virus.

Green: Dengue virus NS4A protein stained by Dengue virus NS4A protein antibody (GTx132069) diluted at 1:1000.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTx628802) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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