

Anti-Tomato yellow leaf curl virus (TYLCV) Capsid protein, N-terminal antibody

Catalog: NAV1034-003S

Quantity: 200 µL

Immunogen Information:

Background

Tomato yellow leaf curl virus (TYLCV)

Immunogen

KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from Tomato yellow leaf curl virus TYLCV Capsid protein (Uniprot:Q8JJU0 NCBI: NP_658992). [We also have antibodies for different epitopes from the Capsid protein. Please request at info@nanodiaincs.com](mailto:info@nanodiaincs.com) or <https://www.nanodiaincs.com>.

Basic Information:

Purification: Serum

Peptide affinity form antibody available upon request at info@nanodiaincs.com.

Clonality: Polyclonal **Expected MW:** 30 kDa **Host:** Rabbit

Product Information:

Form: Lyophilized

Reconstitution

Reconstitution with 200 µL of sterile water.

"Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70°C as supplied.

6 months, -20 to -70°C under sterile conditions after reconstitution.

1 month, 2 to 8°C under sterile conditions after reconstitution.

Shipping

The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Applications Information:

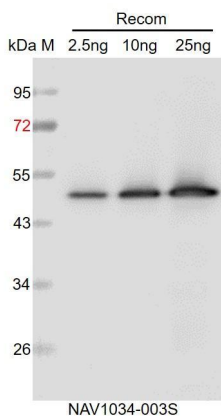
Recommended Dilution: WB (1:1000-1:2000)

Predicted Reactivity: Among speices analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in Tomato leaf curl virus, Pepper yellow leaf curl Thailand virus, Tobacco leaf curl Japan virus, Tomato begomovirus Tular 1, Tomato geminivirus, Clerodendrum golden mosaic China virus, Emilia yellow vein virus, Whitefly-associated begomovirus 7, Ocimum golden

mosaic virus.

For more species homologues information, please contact tech support at info@nanodiaincs.com.

Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 50 kDa.

Electrophoresis: 12% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG

H&L (HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.