

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

Catalog: NAV1034-002S

Quantity: 200 µL

Immunogen Information:

Background

Tomato yellow leaf curl virus (TYLCV)

Immunogen

KLH-conjugated synthetic peptide (16 aa from Central section) derived from Tomato yellow leaf curl virus TYLCV Capsid protein (Uniprot:Q8JUU0 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

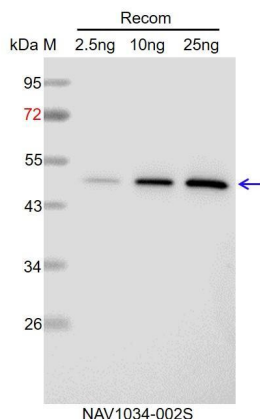
The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Applications Information:

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

Predicted Reactivity: Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in East African cassava mosaic Malawi virus, Cnidoscolus mosaic leaf deformation virus, Begomovirus paulistiensis, Watermelon chlorotic stunt virus, Tomato leaf curl Oman virus, Datura leaf curl 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.