

Anti-Eukaryotic translation initiation factor isoform 4E, N-terminal antibody

Catalog: PHY3686S

Product Information

Description:	Rabbit polyclonal antibody
Background:	LSP1 is a cap-binding protein, binds to the 5' cap structure of nuclear-encoded mRNAs. Mutant is resistant to potyvirus infection.
Synonyms:	LSP1, EIF(ISO)4E, EIF4E2, EIFISO4E, EUKARYOTIC INITIATION FACTOR (ISO)4E, EUKARYOTIC TRANSLATION INITIATION FACTOR 4E2, EUKARYOTIC TRANSLATION INITIATION FACTOR ISOFORM 4E, LOSS OF SUSCEPTIBILITY TO POTYVIRUS 1
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> LSP1 (AT5G35620).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl 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 &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	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.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	23 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Gossypium raimondii*, *Spinacia oleracea*.

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