

Anti-Eukaryotic translation initiation factor 4C antibody

Catalog: PHY1561S

Product Information

Description:	Rabbit polyclonal antibody
Background:	MXH1.2 seems to be required for maximal rate of protein biosynthesis. And it enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40 S ribosomal subunits.
Synonyms:	MXH1.2
Immunogen:	KLH-conjugated synthetic peptide (14 aa from Central section) derived from <i>Arabidopsis thaliana</i> AT5G35680, AT2G04520.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 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.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	17 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Vitis vinifera</i> , <i>Brassica rapa</i> , <i>Brassica napus</i> , <i>Glycine max</i> , <i>Medicago truncatula</i> , <i>Zea mays</i> , <i>Cucumis sativus</i> , <i>Populus trichocarpa</i> ,

Research Use Only

Solanum tuberosum, *Solanum lycopersicum*, *Spinacia oleracea*,
Nicotiana tabacum, *Gossypium raimondii*, *Physcomitrium patens*,
Triticum aestivum, *Sorghum bicolor*, *Oryza sativa*, *Setaria viridis*,
Panicum virgatum, and 80-99% homologues with the sequence in
Medicago truncatula, *Chlamydomonas reinhardtii*.

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