

Anti-Eukaryotic translation initiation factor 3 subunit G antibody

Catalog: PHY3794S

Product Information

Description:	Rabbit polyclonal antibody
Background:	EIF3G1 is a G subunit of eukaryotic initiation factor 3 (EIF3).
Synonyms:	EIF3G1, ATEIF3G1, EUKARYOTIC TRANSLATION INITIATION FACTOR 3G1
Immunogen:	KLH-conjugated synthetic peptide (14 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> EIF3G1 (AT3G11400).
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:	36 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Vitis vinifera</i> , <i>Gossypium raimondii</i> , <i>Solanum lycopersicum</i> , <i>Populus trichocarpa</i> , <i>Solanum tuberosum</i> ,

Research Use Only

Panicum virgatum, *Medicago truncatula*, *Setaria viridis*, *Sorghum bicolor*, *Glycine max*, *Oryza sativa*, *Triticum aestivum*, *Hordeum vulgare*, *Cucumis sativus*, *Zea mays*, and 80-99% homologues with the sequence in *Spinacia oleracea*, *Physcomitrium patens*, *Panicum virgatum*.

The sequence of the synthetic peptide used for immunization is 93% homologues with the sequence in EIF3G2 (AT5G06000).

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