

Anti-Heat shock 70 kDa protein BIP1/2 antibody

Catalog: PHY0012S

Product Information

Description:	Rabbit polyclonal antibody
Background:	BIP1 and BIP2 are the members of the luminal binding protein BiP involved in polar nuclei fusion during proliferation of endosperm nuclei.
Synonyms:	BIP1/2
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> BIP1 (AT5G28540) and BIP2 (AT5G42020).
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:	74 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> , and 80-99% homologues with the sequence in <i>Spinacia oleracea</i> , <i>Vitis vinifera</i> , <i>Glycine max</i> , <i>Populus trichocarpa</i> , <i>Nicotiana tabacum</i> , <i>Physcomitrium patens</i> , <i>Gossypium raimondii</i> ,

Research Use Only

Cucumis sativus, Solanum tuberosum, Sorghum bicolor, Medicago truncatula, Solanum lycopersicum, Panicum virgatum, Triticum aestivum, Hordeum vulgare, Oryza sativa.

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