

Anti-ELONGATED HYPOCOTYL 5 antibody

Catalog: PHY0748S

Product Information

Description:	Rabbit polyclonal antibody
Background:	HY5 is a basic leucine zipper (bZIP) transcription factor with nuclear localization. It is involved in light-regulated transcriptional activation of G-box-containing promoters. HY5 plays a role in anthocyanin accumulation in far-red light and blue light, but not in red light or in the dark.
Synonyms:	HY5, ELONGATED HYPOCOTYL 5, REVERSAL OF THE DET PHENOTYPE 5, Protein long hypocotyl 5, TED 5
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> HY5 (AT5G11260).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Peptide affinity form antibody available upon request at info@phytoab.com . 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 & 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:	18 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica napus*, *Brassica rapa*, *Vitis vinifera*, *Gossypium raimondii*, *Populus trichocarpa*, *Nicotiana tabacum*, *Solanum tuberosum*, *Solanum lycopersicum*, *Triticum aestivum*, *Hordeum vulgare*, *Glycine max*, *Medicago truncatula*, *Spinacia oleracea*, *Cucumis sativus*.

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