

Anti-Transcription factor FER-LIKE IRON DEFICIENCY-INDUCED TRANSCRIPTION FACTOR antibody

Catalog: PHY3603A

Product Information

Description:	Rabbit polyclonal antibody
Background:	FIT1 is a putative transcription factor that regulates iron uptake responses. It specifically regulates FRO2 at the level of mRNA accumulation and IRT1 at the level of protein accumulation.
Synonyms:	FIT1, FIT, ARABIDOPSIS FE-DEFICIENCY INDUCED TRANSCRIPTION FACTOR 1, ATBHLH029, ATBHLH29, ATFIT1, BASIC HELIX-LOOP-HELIX PROTEIN 29, BHLH029, FE-DEFICIENCY INDUCED TRANSCRIPTION FACTOR 1, FER-LIKE REGULATOR OF IRON UPTAKE, FRU
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> FIT1 (AT2G28160).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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

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*.

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