

Anti-Protein FLOWERING LOCUS T antibody

Catalog: PHY2060S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Flowering locus T (FT) is the major regulatory component controlling photoperiodic floral transition. It is expressed in guard cells and affects blue light-induced stomatal opening induced by the blue-light receptor phototropins phot1 and phot2. Twin sister of FT (TSF), which is the closest homolog of FT, was transcribed in guard cells, and light-induced stomatal opening was repressed in tsf-1, a T-DNA insertion mutant of TSF.
Synonyms:	FT, FLOWERING LOCUS T, REDUCED STEM BRANCHING 8, RSB8
Immunogen:	Recombinant protein (45-219 aa) derived from <i>Arabidopsis thaliana</i> FT (AT1G65480).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
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

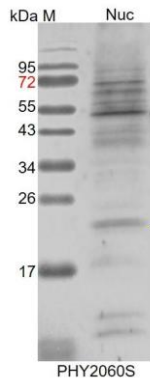
Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	20 / 23 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>

Research Use Only

Predicted Reactivity:

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

Application Example



Nuc: 6 µg nuclear protein from *Arabidopsis thaliana*.

Electrophoresis: 15% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L(HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.