

Anti-AT1G49010 antibody

Catalog: PHY8094S

Product Information

Description:	Rabbit polyclonal antibody
Background:	MYBS1 is a MYB-like transcription factor which negatively regulates heat tolerance by directly repressing the expression of MAX1 required for strigolactone biosynthesis.
Synonyms:	MYBS1, ATMYBL
Immunogen:	KLH-conjugated synthetic peptide (13 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> MYBS1 (AT1G49010).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Peptide affinity form antibody available upon request at info@phytoab.com . 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:	34 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Arabidopsis arenosa</i> , <i>Arabidopsis lyrata subsp. lyrata</i> , <i>Arabidopsis</i>

Research Use Only

suecica, Arabidopsis thaliana, Camelina sativa, Capsella rubella, 90% homologues with the sequence in Arabis nemorensis, Brassica campestris, Brassica carinata, Brassica cretica, Brassica napus, Brassica oleracea var. oleracea, Brassica rapa subsp. trilocularis, Cardamine amara subsp. amara, Eruca vesicaria subsp. sativa, Raphanus sativus.

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