

Anti-JAZ1 antibody

Catalog: PHY7983A

Product Information

Description:	Rabbit polyclonal antibody
Background:	JAZ1 is a nucleus-localized protein that functions as a key repressor in jasmonate (JA) signaling. It interacts with the COI1 subunit of the SCF ^{COI1} E3 ubiquitin ligase complex in the presence of jasmonate-isoleucine or coronatine, leading to its ubiquitin-proteasome-mediated degradation, which subsequently releases transcription factors like MYC2 to activate JA-responsive genes.
Synonyms:	JAZ1, JASMONATE-ZIM-DOMAIN PROTEIN 1, TIFY10A, ATJAZ1
Immunogen:	KLH-conjugated synthetic peptide (14 aa from central section) derived from <i>Arabidopsis thaliana</i> JAZ1 (AT1G19180).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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:	28 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 93% homologues with the sequence in <i>Brassica</i>

Research Use Only

napus, Brassica rapa.

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