

Anti-Late embryogenesis abundant protein 18 antibody

Catalog: PHY0710S

Product Information

Description:	Rabbit polyclonal antibody
Background:	LEA4-2/LEA18 is a member of the Late Embryogenesis Abundant (LEA) proteins which typically accumulate in response to low water availability conditions imposed during development or by the environment. the group 4 LEA proteins of Arabidopsis. With only three genes in the genome (AtLEA4-1 (AT1G32560), AtLEA4-2 (AT2G35300), and AtLEA4-5 (AT5G06760)), the AtLEA4 group is one of the smallest groups in Arabidopsis.
Synonyms:	LEA4-2, ATLEA4-2, LATE EMBRYOGENESIS ABUNDANT 18, LATE EMBRYOGENESIS ABUNDANT 4-2, LEA18
Immunogen:	KLH-conjugated synthetic peptide (14 aa from Central section) derived from <i>Arabidopsis thaliana</i> LEA4-2 (AT2G35300).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
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:	10 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologous with the sequence in *Brassica rapa*, *Brassica napus*.

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