

Anti-L-type lectin-domain containing receptor kinase I.9,

Catalog: PHY8137S

Product Information

Description:	Rabbit polyclonal antibody
Background:	LECRK-I.9 is a legume-type lectin receptor kinase that is structurally distinct from the mammalian extracellular ATP receptors and acts as an extracellular ATP receptor in Arabidopsis.
Synonyms:	LECRK-I.9, LecRK79, DOES NOT RESPOND TO NUCLEOTIDES 1, DORN1, L-TYPE LECTIN RECEPTOR KINASE I.9, P2K1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from central section) derived from <i>Arabidopsis thaliana</i> LECRK-I.9 (AT5G60300).
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:	85 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in

Research Use Only

Arabidopsis suecica, *Arabidopsis thaliana*, *Arabis alpina*, *Brassica campestris*, *Brassica carinata*, *Brassica cretica*, *Brassica napus*, *Brassica oleracea* var. *oleracea*, *Brassica rapa* subsp. *trilocularis*, *Camelina sativa*, *Capsella rubella*, and 94% homologues with the sequence in *Arabidopsis lyrata* subsp. *lyrata*, *Arabis nemorensis*, *Brassica campestris*, *Brassica carinata*, *Brassica cretica*, *Brassica napus*, *Brassica oleracea* var. *oleracea*, *Eruca vesicaria* subsp. *sativa*, *Raphanus sativus*. For more species homologues information, please contact tech support at tech@phytoab.com.