

Anti- LHCB2 antibody

Catalog: PHY3288A

Product Information

Description:	Rabbit polyclonal antibody
Background:	LHCB2 is major light-harvesting chlorophyll a/b-binding proteins of Photosystem II. They form antenna complexes for efficient light energy capture and transfer, and participate in photoprotection under high light.
Synonyms:	Lhcb2, Lhcb2.1/2.2/2.3, LHCB2, LHCB2.1/2.2/2.3, LIGHT-HARVESTING CHLOROPHYLL B-BINDING 2, PHOTOSYSTEM II LIGHT HARVESTING COMPLEX GENE 2.1/2.2/2.3
Immunogen:	KLH-conjugated synthetic peptide (13 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> Lhcb2.1 (AT2G05100), Lhcb2.2 (AT2G05070), and Lhcb2.3 (AT3G27690).
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:	25 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica</i>

Research Use Only

napus, *Brassica rapa*, and 80-99% homologues with the sequence in *Hordeum vulgare*, *Triticum aestivum*, *Medicago truncatula*, *Nicotiana tabacum*, *Spinacia oleracea*, *Solanum lycopersicum*, *Solanum tuberosum*, *Cucumis sativus*.

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