

Anti-Transcription activator GLK2 antibody

Catalog: PHY7991S

Product Information

Description:	Rabbit polyclonal antibody
Background:	GLK2 is one of a pair of partially redundant nuclear transcription factors that regulate chloroplast development in a cell-autonomous manner. GLK1 is encoded by AT2G20570. GLK1 and GLK2 regulate the expression of the photosynthetic apparatus.
Synonyms:	GLK2, ATGLK2, GBF'S PRO-RICH REGION-INTERACTING FACTOR 2, GOLDEN2-LIKE 2, GPRI2
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> GLK2 (AT5G44190).
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:	42 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in

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Arabidopsis thaliana, Arabidopsis suecica, Arabis alpina, Capsella rubella, Cardamine amara subsp. Amara, Eruca vesicaria subsp. Sativa, and 90% homologues with the sequence in Arabidopsis arenosa, Arabidopsis lyrata subsp. Lyrata, Camelina sativa, Tilletia horrida, Microthlaspi erraticum, Brassica rapa subsp. Trilocularis, Brassica carinata, Brassica oleracea var. oleracea, Eruca vesicaria subsp. Sativa, Brassica campestris, Brassica napus, Brassica cretica, Brassica carinata, Raphanus sativus.

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