

Anti-Protein EXECUTER 2, chloroplastic antibody

Catalog: PHY1694

Product Information

Description:	Rabbit polyclonal antibody
Background:	EX2 together with EX1 (AT4G33630), enables higher plants to perceive singlet oxygen as a stress signal in plastid that activates a genetically determined nuclear stress response program which triggers a programmed cell death (PCD). PCD pathway is unique to photosynthetic eukaryotes and operates under mild stress conditions, impeding photosystem II (PSII) without causing photooxidative damage of the plant.
Synonyms:	EX2, EXECUTER 2
Immunogen:	Recombinant protein of EX2 (70-278aa) derived from <i>Arabidopsis thaliana</i> AT1G27510.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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:	72 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

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