

Anti-EX1, chloroplastic antibody

Catalog: PHY1693S

Product Information

Description:	Rabbit polyclonal antibody
Background:	EX1 is a chloroplast thylakoid membrane protein that functions as a crucial sensor for singlet oxygen ($^1\text{O}_2$). It mediates $^1\text{O}_2$ -triggered retrograde signaling and programmed cell death, linking photosynthesis stress to nuclear gene expression and defense responses.
Synonyms:	EX1, EXECUTER1
Immunogen:	Recombinant Protein of <i>Arabidopsis thaliana</i> EX1 (47-278aa of AT4G33630).
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:	77 /75 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

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