



Rabbit Anti-Arabidopsis thaliana ANN1(C-terminal) Polyclonal Antibody (CABT-Z715R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide derived from C-terminal of ANN1 in Arabidopsis thaliana AT1G35720.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 36 kDa; Apparent M.W.: 37 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Format	Lyophilized
Size	150 µg
Preservative	None
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.

BACKGROUND

Introduction

Annexin D1 is a member of the annexin family, a diverse, multigene family of calcium-dependent, membrane-binding proteins. In Arabidopsis, AtANN1 can exist as a plasma membrane protein and is responsible for the root epidermal plasma membrane Ca^{2+} - and K^{+} -permeable conductance that is activated by extracellular hydroxyl radicals.

Keywords

ANN1;ANNAT1;ANNEXIN 1;ATANN1;ATOXY5;OXY5

GENE INFORMATION

Gene Name

ANN1

Entrez Gene ID

[840476](#)

UniProt ID

[Q9SYT0](#)
