



Rabbit Anti-Arabidopsis thaliana CESA8 Polyclonal Antibody (CABT-Z910R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CESA8 derived from Arabidopsis thaliana AT4G18780.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	112 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.
Ship	Wet ice

BACKGROUND

Introduction	CESA8 is a member of the cellulose synthase family involved in secondary cell wall biosynthesis. It mediates resistance towards bacterial pathogens via ABA and confers resistance towards bacterial and fungal pathogens, but it is independent of salicylic acid, ethylene and jasmonate signaling. The Arabidopsis contains ten CESA proteins: CESA1 (AT5G44030), CESA2 (AT4G39350), CESA3 (AT5G05170), CESA4 (AT5G44030), CESA5 (AT5G09870), CESA6 (AT5G64740), CESA7 (AT5G17420), CESA8 (AT4G18780), CESA9 (AT2G21770) and CESA10 (AT2G25540).
Keywords	CESA8.1;ATCESA8;CELLULOSE SYNTHASE 8;CESA8;IRREGULAR XYLEM 1;IRX1;LEAF WILTING 2;LEW2

GENE INFORMATION

Gene Name	CESA8
Entrez Gene ID	827612
UniProt ID	Q8LPK5