



Rabbit Anti-Arabidopsis thaliana CESA7 Polyclonal Antibody (CABT-Z909R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CESA7 derived from Arabidopsis thaliana AT5G17420.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	116 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	CESA7 is a xylem-specific cellulose synthase that is phosphorylated on one or more serine residues (on either S185 or one of S180 or S181). It is required for secondary cell wall biosynthesis. 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	CESA7.1;ATCESA7;CELLULOSE SYNTHASE CATALYTIC SUBUNIT 7;CESA7;IRREGULAR XYLEM 3;IRX3;MUR10;MURUS 10

GENE INFORMATION

Gene Name	CESA7
Entrez Gene ID	831608
UniProt ID	Q9SWW6