



# Rabbit Anti-Arabidopsis thaliana CESA1 Polyclonal Antibody (CABT-Z907R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of CESA1 derived from Arabidopsis thaliana AT4G32410.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	122 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None
<b>Storage</b>	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.
<b>Ship</b>	Wet ice

# BACKGROUND

Introduction	CESA1 mutants have cellulose defect in the primary cell wall. Multiple lines of evidence suggest that CESA1, along with CESA3 (AT5G05170) and CESA6 (AT5G64740) are present in the same plasma membrane complex for cellulose biosynthesis. The remaining CESAs are included CESA2 (AT4G39350), CESA4 (AT5G44030), CESA5 (AT5G09870), CESA7 (AT5G17420), CESA8 (AT4G18780), CESA9 (AT2G21770) and CESA10 (AT2G25540).
Keywords	CESA1;ANISOTROPY1;ANY1;ATCESA1;CELLULOSE SYNTHASE 1;RADIALLY SWOLLEN 1;RSW1

# GENE INFORMATION

Gene Name	CESA1
Entrez Gene ID	<a href="#">829376</a>
UniProt ID	<a href="#">O48946</a>