



Rabbit Anti-Arabidopsis thaliana CER2 Polyclonal Antibody (CABT-Z905R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CER2 derived from Arabidopsis thaliana AT4G24510.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	47 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 CER2 is a component of the fatty acid elongation machinery required for C28 to C30 fatty acid elongation. CER2 plays a role in very-long-chain fatty acid (VLCFA) biosynthesis and is required for C28 fatty acid elongation in stem. Despite its classification as a BAHD acyltransferase based on sequence homology, CER2 does not seem to share the catalytic mechanism of the members of the BAHD family.

Keywords CER2;ECERIFERUM 2;VC-2;VC2.

GENE INFORMATION

Gene Name CER2

Entrez Gene ID [828553](#)

UniProt ID [Q39048](#)