



Rabbit Anti-Arabidopsis thaliana DRP5B Polyclonal Antibody (CABT-Z998R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of DRP5B derived from Arabidopsis thaliana AT3G19720.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:5000
Molecular Weight	Expected M.W.: 87 kDa; Apparent M.W.: 95 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	DRP5B (dynamin related protein 5B) is involved in plastid and peroxisome division process and required for the last steps of plastid division, especially in mesophyll-cell. It is also necessary for peroxisome activities.The DRP5B shares similarity with the dynamin family of GTPases, which mediate endocytosis, mitochondrial division, and other organellar fission and fusion events.
Keywords	DRP5B;ACCUMULATION AND REPLICATION OF CHLOROPLAST 5;ARC5;DYNAMIN RELATED PROTEIN 5B

GENE INFORMATION

Gene Name	ARC5
Entrez Gene ID	821509
UniProt ID	Q84N64