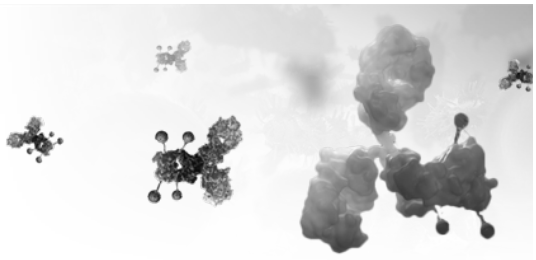

Rabbit Anti-Arabidopsis thaliana BAM3 Polyclonal Antibody (CABT-Z823R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of BAM3 derived from Arabidopsis thaliana AT4G17090.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 56 kDa; Apparent M.W.: 50 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Cellular Localization	Chloroplast
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.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved

Ship	Wet ice

BACKGROUND

Introduction	Beta-amylase 3 is involved in cold resistance. It mediates the accumulation of maltose upon freezing stress, thus contributing to the protection of the photosynthetic electron transport chain. It plays a role in the circadian-regulated starch degradation and maltose metabolism in chloroplasts, especially at night.
Keywords	BAM3;ATBAM3;CT-BMY;BETA-AMYLASE 3;BETA-AMYLASE 8;BMY8;CHLOROPLAST BETA-AMYLASE.

GENE INFORMATION

Gene Name	BAM3
Entrez Gene ID	827419
UniProt ID	O23553

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved