



Rabbit Anti-Arabidopsis thaliana BAK1 Polyclonal Antibody (CABT-Z812R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of BAK1 derived from Arabidopsis thaliana AT4G33430.
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.: 74 kDa; Apparent M.W.: 73 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	BAK1, as a co-receptor of BRI1 (AT4G39400) that mediates brassinosteroids (BR) signaling, the functional roles of BAK1, as a versatile co-receptor for various ligand-binding leucine-rich repeat (LRR)-containing receptor-like kinase (RLKs), are being extended to involvement with plant immunity, cell death, stomatal development and ABA signaling in plants.
Keywords	BAK1;ATBAK1;ATSERK3;BRI1-ASSOCIATED RECEPTOR KINASE;ELG;ELONGATED;RECEPTOR KINASES LIKE SERK 10;RKS10;SERK3;SOMATIC EMBRYOGENESIS RECEPTOR-LIKE KINASE 3

GENE INFORMATION

Gene Name	BAK1
Entrez Gene ID	829480
UniProt ID	Q94F62