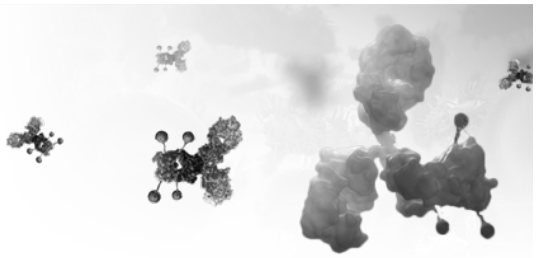

Rabbit anti-Arabidopsis thaliana BZR2 (C-term) Polyclonal Antibody (CABT-Z030R)

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

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana BZR2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
Molecular Weight	Predicted M.W.: 36 kDa; Observed M.W.: 36, 53, 90 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana BES1 (AT1G19350).
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN3.
Preservative	0.01% NaN3

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Storage	Store at -20°C. Stable for 6 months from date of receipt.
Ship	Wet ice

BACKGROUND

Introduction	BRI1-EMS-SUPPRESSOR1 (BES1) is a brassinosteroid (BR) signalling protein that accumulates in the nucleus as dephosphorylated form in response to BRs. BES1 is phosphorylated by the BIN2 GSK3 kinase. It synergistically interacts with BIM1 to bind to E box sequences (CANNTG). The BES1 protein contains a nuclear localization signal (NLS), followed by a highly conserved amino-terminal domain (N) shared by all family members, a BIN2 phosphorylation domain (P), a PEST motif involved in protein degradation in the absence of BR, and a carboxyl-terminal domain. BES1 can interact with the ELF6 and REF6 Jumonji N/C-domain containing proteins and may direct them to modify histone methylation upstream of some brassinosteroid responsive-genes.
Keywords	BRASSINAZOLE-RESISTANT 2;BRI1-EMS-SUPPRESSOR1;BZR2;Protein 107;Protein BIN2 SUBSTRATE 1;At1g19350;F18O14_4;BIS1

GENE INFORMATION

Gene Name	BZR2
Entrez Gene ID	838518
UniProt ID	Q9LN63

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