



Rabbit anti-Arabidopsis thaliana EIN2 (N-term) Polyclonal Antibody (CABT-Z062R)

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 N-terminal region of arabidopsis thaliana EIN2.
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.: 141 kDa; Observed M.W.: 110 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana EIN2 (AT5G03280).
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% NaN ₃ .
Preservative	0.01% NaN ₃

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

BACKGROUND

Introduction	ETHYLENE INSENSITIVE 2 (EIN2) is a central factor in signaling pathways regulated by ethylene (ET), and is involved in various processes including development, plant defense, senescence, nucleotide sugar flux, and tropisms. EIN2 is necessary for ethylene-mediated gene regulation, and for the induction of some genes by ozone. EIN2 acts downstream of ET receptors, and upstream of ethylene regulated transcription factors. EIN2 is required for cytokinin-mediated processes. EIN2 is also implicated in cross-talk between ET, jasmonate and other pathways.
Keywords	Ethylene-insensitive protein 2;AtEIN2;EIN-2;Cytokinin-resistant protein AtCKR1;CKR1;ATEIN2;CYTOKININ RESISTANT 1;ENHANCED RESPONSE TO ABA3;ERA3;ETHYLENE INSENSITIVE 2;ORE2;ORE3;ORESARA 2;ORESARA 3;PIR2

GENE INFORMATION

Gene Name	EIN2
Entrez Gene ID	831889
UniProt ID	Q9S814