



# Rabbit anti-Arabidopsis thaliana ETR1 (N-term) Polyclonal Antibody (CABT-Z065R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana ETR1/EIN1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
<b>Molecular Weight</b>	Predicted M.W.: 83 kDa; Observed M.W.: 77 kDa
<b>Preparation</b>	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana ETR1/EIN1 (AT1G66340).
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN <sub>3</sub> .
<b>Preservative</b>	0.01% NaN <sub>3</sub>

<b>Storage</b>	Store at -20°C. Stable for 6 months from date of receipt.
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	Similar to prokaryote sensory transduction proteins, Ethylene receptor 1 (ETR1) binds ethylene and contains a histidine kinase and a response regulator domain. ETR1 also has histidine kinase activity and is regulated by RTE1. Mutations in ETR1 affect ethylene binding and metabolism of other plant hormones such as auxin, cytokinins, ABA and gibberellic acid. Mutations in ETR1 also block ethylene stimulation of flavonol synthesis.
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<b>Keywords</b>	ETR;AtETR1;ETHYLENE RESPONSE 1;At1g66340;T27F4.9;EIN1;ETHYLENE INSENSITIVE 1
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## GENE INFORMATION

<b>Gene Name</b>	ETR1
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<b>Entrez Gene ID</b>	<a href="#">842951</a>
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<b>UniProt ID</b>	<a href="#">P49333</a>
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