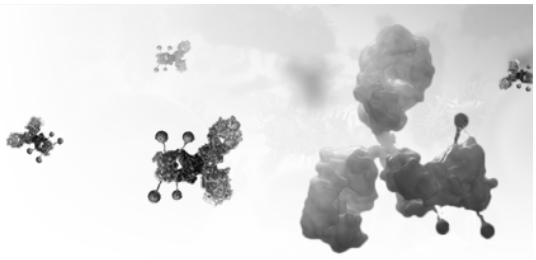

Rabbit anti-Arabidopsis thaliana ABI5 (N-term) Polyclonal Antibody (CABT-Z006R)

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 ABI5.
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.: 47 kDa; Observed M.W.: 64 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana ABI5 (At2g36270).
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	ABI5 participates in ABA-regulated gene expression during seed development and subsequent vegetative stage by acting as the major mediator of ABA repression of growth. ABI5 binds to the embryo specification element and the ABA-responsive element (ABRE) of the Dc3 gene promoter and to the ABRE of the Em1 and Em6 genes promoters. ABI5 can also trans-activate its own promoter, suggesting that it is autoregulated. ABI5 plays a role in sugar-mediated senescence.
Keywords	Protein ABSCISIC ACID-INSENSITIVE 5;Dc3 promoter-binding factor 1;AtDPBF1;Protein GROWTH-INSENSITIVITY TO ABA 1;bZIP transcription factor 39;AtbZIP39;BZIP39;DPBF1;GIA1;NEM1;At2g36270;F2H17.12

GENE INFORMATION

Gene Name	ABI5
Entrez Gene ID	818199
UniProt ID	Q9SJN0

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