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Datasheet for ABIN7140560  
**anti-ABI5 antibody (AA 1-442) (HRP)**

### Overview

Quantity:	100 µg
Target:	ABI5
Binding Specificity:	AA 1-442
Reactivity:	Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABI5 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Arabidopsis thaliana Protein ABSCISIC ACID-INSENSITIVE 5 protein (1-442AA)
Isotype:	IgG
Cross-Reactivity:	Arabidopsis thaliana
Purification:	>95%, Protein G purified

### Target Details

Target:	ABI5
Alternative Name:	ABI5 ( <a href="#">ABI5 Products</a> )
Background:	Background: Participates in ABA-regulated gene expression during seed development and subsequent vegetative stage by acting as the major mediator of ABA repression of growth.

## Target Details

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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. Can also trans-activate its own promoter, suggesting that it is autoregulated. Plays a role in sugar-mediated senescence.

Aliases: ABI5 antibody, BZIP39 antibody, DPBF1 antibody, GIA1 antibody, NEM1 antibody, At2g36270 antibody, F2H17.12Protein ABSCISIC ACID-INSENSITIVE 5 antibody, Dc3 promoter-binding factor 1 antibody, AtDPBF1 antibody, Protein GROWTH-INSENSITIVITY TO ABA 1 antibody, bZIP transcription factor 39 antibody, AtbZIP39 antibody

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UniProt: [Q9SJN0](#)

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Pathways: [Response to Water Deprivation](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.