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Datasheet for ABIN7140558

anti-ABI5 antibody (AA 1-442) (Biotin)

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 Biotin
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 (ABI5 Products)
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

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

UniProt: [Q9SJN0](#)

Pathways: [Response to Water Deprivation](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: ProClin

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

Storage: -20 °C, -80 °C

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