

ABI2 polyclonal antibody

Catalog: BS67280

Host: Rabbit

Reactivity: Arabidopsis thaliana

BackGround:

Repressor of the abscisic acid (ABA) signaling pathway that regulates numerous ABA responses, such as stomatal closure, osmotic water permeability of the plasma membrane (Pos), high light stress, response to glucose, seed germination and inhibition of vegetative growth. During the stomatal closure regulation, modulates the inward calcium-channel permeability as well as H₂O₂ and oxidative burst in response to ABA and dehydration. Represses GHR1 and, to some extent, SRK2E/OST1, kinases involved in the regulation of SLAC1-dependent stomatal closure. Controls negatively fibrillin that is involved in mediating ABA-induced photoprotection. May be implicated in ABA content regulation. Involved in acquired thermotolerance of root growth and seedling survival. Required for the *Erwinia amylovora* harpin-induced (HrpN) drought tolerance. Involved in the hydrotropic response.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 48 kDa

Swiss-Prot:

O04719

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB (1/500 - 1/2000)

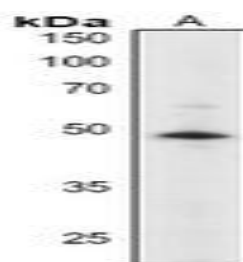
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of ABI2 protein.

DATA:



Western blot analysis of ABI2 expression in Arabidopsis thaliana (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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