

# Product datasheet

info@arigobio.com

ARG67156 anti-ABI2 antibody

Package: 100 μl Store at: -20°C

### **Summary**

Isotype

Product Description Rabbit Polyclonal antibody recognizes ABI2

IgG

Tested Reactivity Arabi
Tested Application WB

Host Rabbit

**Clonality** Polyclonal

Target Name ABI2
Species Plant

Species Fiant

Immunogen Synthetic peptide corresponding to C-terminus of arabidopsis thaliana ABI2 protein.

Conjugation Un-conjugated

Alternate Names PP2C77; Protein phosphatase 2C 77; AtPP2C77; Protein ABSCISIC ACID-INSENSITIVE 2; Protein

phosphatase 2C ABI2; PP2C ABI2

# **Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	46 kDa	

## **Properties**

Form Liquid

Purification Affinity purification with immunogen.

Buffer 0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.

Preservative 0.01% Sodium azide

Stabilizer 30% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol ABI2

Gene Full Name Protein phosphatase 2C family protein

Background Encodes a protein phosphatase 2C and is involved in ABA signal transduction. Binds fibrillin preprotein

in vitro and in vivo.

Function 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

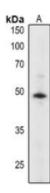
in the regulation of SLAC1-dependent stomatal closure. [UniProt]

Highlight Related news:

Antibodies for Arabidopsis thaliana;

Calculated Mw 46 kDa

# **Images**



#### ARG67156 anti-ABI2 antibody WB image

Western blot: Arabidopsis thaliana stained with ARG67156 anti-ABI2 antibody.