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Product no AS17 4155

Anti-ACA2 | Calcium-transporting ATPase 2

Product information

Immunogen GST-fusion of ACA2 peptide, purified by SDS-PAGE of Arabidopsis thaliana

ACA2 protein sequence, UniProt: <u>O81108</u>, TAIR: <u>AT4G37640</u>

Host Rabbit

Clonality Polyclonal

Purity Serum

Format Lyophilized

Quantity 50 ul

Reconstitution For reconstitution add 50 μl, of sterile water

Store at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the Storage tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the

Application information

Recommended dilution 1:10 000 (WB)

Expected | apparent 110 | 110 kDa MW

Confirmed reactivity Arabidopsis thaliana

Not reactive in No confirmed exceptions from predicted reactivity are currently known

Additional information ACA2 can be found in a good levels in: roots and flowers while the levels in leaves and siliques are very low. Harper et al. 1998.

This antibody is recognizing both full length and trunctated forms.

Selected references Hwang et al. (2000). Calmodulin activation of an endoplasmic reticulum-located calcium pump involves an interaction with the N-terminal autoinhibitory domain. Plant Physiol. 2000 Jan;122(1):157-68.

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Harper et al. (1998). A novel calmodulin-regulated Ca2+-ATPase (ACA2) from Arabidopsis with an N-terminal autoinhibitory domain. J Biol Chem. 1998 Jan 9;273(2):1099-106. (this paper contains a blot of tissue specific expression of ACA2).

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