STOP1 Polyclonal Antibody

CAB21044

Product Information

Product SKU:	CAB21044	**Gene ID**:	840339	**Size**:	20uL, 100uL
Clone No:	-	**Host Species:**	Rabbit	**Reactivity**:	Arabidopsis thaliana

Additional Information

Observed MW:	55kDa	**Conjugate:**	Unconjugated
Calculated MW:	55kDa	**Isotype:**	IgG

Immunogen Information

Background: Encodes a putative nuclear Cys(2)His(2)-type zinc finger protein involved in H+ and Al3+ rhizotoxicity. In mutants exposed to aluminum stress, there is no induction of AtALMT1, an malate transporter known to be involved in the mediation of aluminum toxicity. Cell wall of the mutant is unstable in low pH medium (pH 4.5) in low Ca solution. This would mediate Ca-alleviation of low pH stress through pectin-Ca interaction.

Recommended Dilution: WB,1:100 - 1:500

Synonyms: AtSTOP1; F7P12.7; F7P12_7; sensitive to proton rhizotoxicity 1; STOP1

Purifcation Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 55-180 of arabidopsis thaliana STOP1 (NP_174697.1).

Storage: Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

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