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Anti-GRF-pan Antibody

Catalog # AP54164

Product Information

Application	WB
Primary Accession	P42643
Other Accession	Q01525, P42644, P46077, P42645, P48349, Q96300, P48348, Q96299
Reactivity	Arabidopsis thaliana
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29932

Additional Information

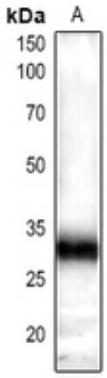
Gene ID	826479
Other Names	GRF1; At4g09000; F23J3.30; 14-3-3-like protein GF14 chi; General regulatory factor 1; GRF2; GF14; At1g78300; F3F9.16; 14-3-3-like protein GF14 omega; General regulatory factor 2; GRF3; RCI1A; At5g38480; MXI10.21; 14-3-3-like protein GF14 psi; General regulatory factor 3; Protein RARE COLD INDUCIBLE 1A; GRF4; At1g35160; T32G9.30; 14-3-3-like protein GF14 phi; General regulatory factor 4; GRF5; At5g16050; F1N13_190; 14-3-3-like protein GF14 upsilon; General regulatory factor 5; GRF6; AFT1; RCI2; At5g10450; F12B17_200; 14-3-3-like protein GF14 lambda; 14-3-3-like protein AFT1; 14-3-3-like protein RCI2; General regulatory factor 6; GRF7; At3g02520; F16B3.15; 14-3-3-like protein GF14 nu; General regulatory factor 7; GRF8; At5g65430; MNA5.16; 14-3-3-like protein GF14 kappa; General regulatory factor 8; GRF9; At2g42590; F14N22.14; 14-3-3-like protein GF14 mu; General regulatory factor 9
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of arabidopsis thaliana GRF-pan. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/2000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GRF1
Function	Is associated with a DNA binding complex that binds to the G box, a well-characterized cis-acting DNA regulatory element found in plant genes.

	Involved in the regulation of nutrient metabolism (PubMed:22104211).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:P48349}. Cytoplasm {ECO:0000250|UniProtKB:P48349}. Note=Translocates from the cytosol to the nucleus when phosphorylated. {ECO:0000250|UniProtKB:P48349}

Images



Western blot analysis of GRF-pan expression in arabidopsis thaliana (A) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 30 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.