

DATASHEET

GRF-pan Rabbit Polyclonal Antibody

CAT. NO. APA12535

KEY FEATURES

Target	GRF-pan	Source / Host	Rabbit
Reactivity	Arabidopsis thaliana	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

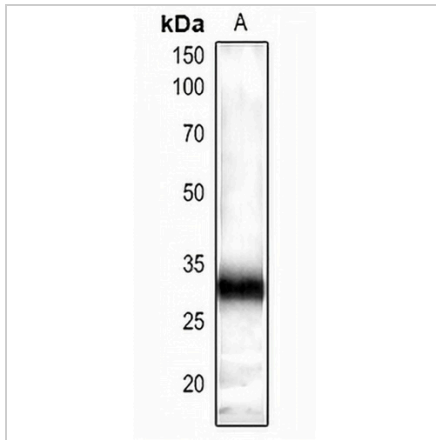
Description	Rabbit polyclonal antibody to GRF-pan
Specificity	Recognizes endogenous levels of GRF-pan protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of arabidopsis thaliana GRF-pan. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 29 kD; Observed: 30 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative 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
Gene Symbol	GRF1; GRF2; GRF3; GRF4; GRF5; GRF6; GRF7; GRF8; GRF9
Entrez Gene	826479; 844165; 833836; 840403; 831462; 830909; 821060; 836668; 818859(Human)
SwissProt	P42643; Q01525; P42644; P46077; P42645; P48349; Q96300; P48348; Q96299(Human)

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*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

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

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.