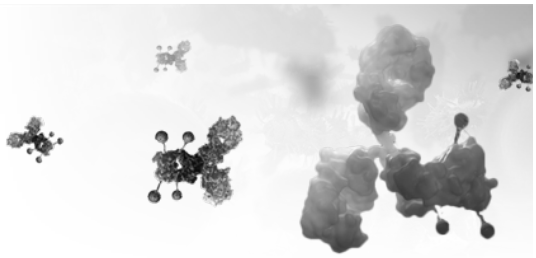

Rabbit anti-Arabidopsis thaliana NFYB9 (C-term) Polyclonal Antibody (CABT-Z102R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana NFYB9.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
Molecular Weight	26 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana NFYB9 (AT1G21970).
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN3.
Preservative	0.01% NaN3

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at -20°C. Stable for 6 months from date of receipt.
Ship	Wet ice

BACKGROUND

Introduction	Nuclear transcription factor Y subunit B-9 (NFYB9) is a transcriptional activator of genes required for both embryo maturation and cellular differentiation. NFYB9 shares sequence similarity with the HAP3 subunit of the CCAAT-box binding factor. NFYB9 is required for the specification of cotyledon identity and the completion of embryo maturation. It was sufficient to induce embryogenic programs in vegetative cells, suggesting that NFYB9 is a major embryonic regulator that mediates the switch between embryo and vegetative development. Mutants are desiccation intolerant, have trichomes on cotyledons and exhibit precocious meristem activation.
Keywords	Nuclear transcription factor Y subunit B-9;AtNF-YB-9;Protein LEAFY COTYLEDON 1;LEC1;At1g21970;T26F17.20;ATLEC1;EMB 212;EMB212;EMBRYO DEFECTIVE 212;NF-YB9;NUCLEAR FACTOR Y;SUBUNIT B9

GENE INFORMATION

Gene Name	NFYB9
Entrez Gene ID	838800
UniProt ID	Q9SFD8

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