



Rabbit anti-Arabidopsis thaliana SUF4 (N-term) Polyclonal Antibody (CABT-Z141R)

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 N-terminal region of arabidopsis thaliana SUF4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1,000-1:3,000 (detect endogenous protein*)
Molecular Weight	Predicted M.W.: 40 kDa; Observed M.W.: 44 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana SUF4 (At1g30970).
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% NaN ₃ .
Preservative	0.01% NaN ₃

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

Ship Wet ice

BACKGROUND

Introduction SUPPRESSOR OF FRIGIDA4 (SUF4) is a putative zinc-finger-containing transcription factor that is required for delayed flowering in winter-annual Arabidopsis. SUF4 mutations strongly suppress the late-flowering phenotype of FRI (FRIGIDA) mutants. SUF4 mutants also show reduced H3K4 trimethylation at FLC (FLOWERING LOCUS C), a floral inhibitor. SUF4 may act to specifically recruit a putative histone H3 methyltransferase EFS (EARLY FLOWERING IN SHORT DAYS) and the PAF1-like complex to the FLC locus.

Keywords SUPPRESSOR OF FRIGIDA4;C2H2-type zinc finger protein;Putative zinc finger protein

GENE INFORMATION

Gene Name SUF4

Entrez Gene ID [839984](#)

UniProt ID [Q9C5G0](#)
