



Rabbit anti-Arabidopsis thaliana APETALA2 (N-term) Polyclonal Antibody (CABT-Z022R)

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 APETALA2.
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	Predicted M.W.: 48 kDa; Observed M.W.: 60 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana APETALA2 (At4g36920).
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.
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Ship	Wet ice
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BACKGROUND

Introduction	Floral homeotic protein APETALA 2 (AP2) is a probable transcriptional activator that promotes early floral meristem identity. APETALA2 is required subsequently for the transition of an inflorescence meristem into a floral meristem. APETALA2 plays a central role in the specification of floral identity, particularly for the normal development of sepals and petals in the wild-type flower. APETALA2 acts as the A class cadastral protein by repressing the C class floral homeotic gene AGAMOUS in association with other repressors like LEUNIG and SEUSS. It is also required during seed development.
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Keywords	Floral homeotic protein APETALA 2;ATAP2;APETALA 2
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GENE INFORMATION

Gene Name	AP2
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Entrez Gene ID	829845
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UniProt ID	P47927
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