



Rabbit Anti-Arabidopsis thaliana AP2 Polyclonal Antibody (CABT-Z726R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of AP2 derived from Arabidopsis thaliana AT4G36920.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	48 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Format	Lyophilized
Size	150 µg
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution.
Ship	Wet ice

BACKGROUND

Introduction AP2 is a member of the AP2/EREBP (ethylene responsive element binding protein) class of transcription factors and is involved in the specification of floral organ identity, establishment of floral meristem identity, suppression of floral meristem indeterminacy, and development of the ovule and seed coat. AP2 also has a role in controlling seed mass. It appears to act on the WUS-CLV pathway in an AG independent manner.

Keywords AP2;APETALA 2;ATAP2;FL1;FLO2;FLORAL MUTANT 2;FLOWER 1

GENE INFORMATION

Gene Name AP2

Entrez Gene ID [829845](#)

UniProt ID [P47927](#)