



# Rabbit Anti-Arabidopsis thaliana ABA2 Polyclonal Antibody (CABT-Z568R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of ABA2 derived from Arabidopsis thaliana AT1G52340.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	30 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None
<b>Storage</b>	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.
<b>Ship</b>	Wet ice

# BACKGROUND

Introduction	ABA2 is a cytosolic short-chain dehydrogenase/reductase involved in the conversion of xanthoxin to ABA-aldehyde during ABA biosynthesis. It plays important roles in angiosperm physiology and survival, including driving stomatal closure, inducing seed dormancy and aiding desiccation and salinity tolerance.
Keywords	ABA2;ABA DEFICIENT 2;ARABIDOPSIS THALIANA ABA DEFICIENT 2;ATABA2;ATSDR1;GIN1;GLUCOSE INSENSITIVE 1;IMPAIRED SUCROSE INDUCTION 4;ISI4;SALT RESISTANT 1;SDR1;SHORT-CHAIN DEHYDROGENASE REDUCTASE 1;SHORT-CHAIN DEHYDROGENASE/REDUCTASE 1;SIS4;SRE1;SUGAR-INSENSITIVE 4

# GENE INFORMATION

Gene Name	ABA2
Entrez Gene ID	<a href="#">841665</a>
UniProt ID	<a href="#">Q9C826</a>