



# Rabbit Anti-Arabidopsis thaliana GAPA1 Polyclonal Antibody (CABT-Z1058R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of GAPA1 derived from Arabidopsis thaliana AT3G26650.
<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>	Expected M.W.: GAPA1kDa; Apparent M.W.: (42 / 38) kDa, GAPB (48 / 43 ) kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Cellular Localization</b>	Chloroplast
<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.

## BACKGROUND

**Introduction**

GAPA1 is involved in the photosynthetic reductive pentose phosphate pathway. It catalyzes the reduction of 1,3-diphosphoglycerate by NADPH.

**Keywords**

GAPA1;GAPA;GAPA-1;GLYCERALDEHYDE 3-PHOSPHATE DEHYDROGENASE A SUBUNIT;GLYCERALDEHYDE 3-PHOSPHATE DEHYDROGENASE A SUBUNIT 1

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## GENE INFORMATION

**Gene Name**

GAPA1

**Entrez Gene ID**

[822277](#)

**UniProt ID**

[P25856](#)

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