



# Rabbit anti-Arabidopsis thaliana PPC3 (N-term) Polyclonal Antibody (CABT-Z107R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana PPC3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
<b>Molecular Weight</b>	Predicted M.W.: 110 kDa; Observed M.W.: 125 kDa
<b>Preparation</b>	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana PPC3 (At3g14940).
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN <sub>3</sub> .
<b>Preservative</b>	0.01% NaN <sub>3</sub>

<b>Storage</b>	Store at -20°C. Stable for 6 months from date of receipt.
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	Phosphoenolpyruvate carboxylase (PPC) is also known as Phosphoenolpyruvate carboxylase 3 (PPC3), which is a cytosolic PPC that has activity when expressed in E.coli. Its mRNA is most abundantly expressed in roots and siliques. PEPC belongs to the plant-type PEPC family. It can form an enzymatically active complex with a castor bean ortholog of PPC4, which encodes a bacterial-type PEPC. PEPC is often used as a marker for the cytoplasmic protein fraction.
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<b>Keywords</b>	Phosphoenolpyruvate carboxylase 3;AtPPC3;PEPC 3;PEPCase 3;PPC3;PPC
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## GENE INFORMATION

<b>Gene Name</b>	PPC3
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<b>Entrez Gene ID</b>	<a href="#">820723</a>
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<b>UniProt ID</b>	<a href="#">Q84VW9</a>
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