



# Anti-PEP1 (native) polyclonal antibody (DPAB-DC2313)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Native purified pep1 from maize leaves.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Plants
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, ELISA,
<b>Format</b>	Lyophilized
<b>Size</b>	100 µg
<b>Buffer</b>	Lyophilized from 20 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (0.01% sodium azide)
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">pep1 phosphoenolpyruvate carboxylase1 [ Zea mays ]</a>
<b>Official Symbol</b>	PEP1

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<b>Synonyms</b>	PEP1; phosphoenolpyruvate carboxylase1; PPC1; pepc; PEPC1; PPEPC4; PEPCase; phosphoenolpyruvate carboxylase 1; PEPCase 1; PEP carboxylase; P-pyruvate carboxylase;
<b>Entrez Gene ID</b>	<a href="#">542372</a>
<b>Protein Refseq</b>	<a href="#">NP_001105418</a>
<b>UniProt ID</b>	<a href="#">P04711</a>
<b>Pathway</b>	C4-dicarboxylic acid cycle, NAD - malic enzyme type; C4-dicarboxylic acid cycle, NADP - malic enzyme type; C4-dicarboxylic acid cycle, phosphoenolpyruvate carboxykinase type; CAM (Crassulacean acid metabolism), dark.

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