

## Product datasheet for **R1105HRPS**

### pep1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>Western Blot:</b> 1/1,000-1/5,000. <b>ELISA:</b> 1/14,000. This product has been assayed against 1.0 µg of Phospho-enol-pyruvate carboxylase [maize] in a standard capture ELISA using ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/1,000 to 1/6,000 of the reconstitution concentration is suggested. <b>Immunohistochemistry:</b> Paraffin (FFPE) or Frozen sections; 1/100 suggested to begin.
Reactivity:	Maize
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Phospho-enol-pyruvate carboxylase / PEP1 from maize
Specificity:	This antibody detects PEP1 [maize leaves]. Cross reactivity against Phospho-enol-pyruvate carboxylase from other tissues and species may occur but have not been specifically determined. Immunoelectrophoresis give a single precipitin arc against anti-peroxidase, anti-rabbit serum as well as purified and partially purified Phospho-enol-pyruvate carboxylase [maize].
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 Label: HRP State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% Gentamicin sulfate (Do NOT add Sodium azide!) Label: Horseradish peroxidase
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer



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<b>Conjugation:</b>	HRP
<b>Storage:</b>	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Database Link:</b>	<a href="#">P04711</a>
<b>Synonyms:</b>	PPC, PEPC1, PEPC 1, PEPCase 1, PEP carboxylase