

Product datasheet for **R1105BS**

pep1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Western Blot: 1/500-1/3,000. ELISA: 1/5,000-1/25,000. This product has been assayed against 1.0 µg of Phospho-enol-pyruvate carboxylase [maize] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/3,000 to 1/12,000 of the reconstitution concentration is suggested.
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-biotin, 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: Biotin State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azide
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
Conjugation:	Biotin



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Storage:	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.
Stability:	Shelf life: one year from despatch.
Database Link:	P04711
Synonyms:	PPC, PEPC1, PEPC 1, PEPCase 1, PEP carboxylase