

## Product datasheet for **R1063HRPS**

### Beta-amylase Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Western blot:</b> 1/1000-1/5000. <b>ELISA:</b> 1/1,000-1/5,000 dilution suggested to begin optimization.
Reactivity:	Sweet Potato
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Beta-amylase from sweet potato
Specificity:	This antibody detects sweet potato beta-amylase. Immuno-electrophoresis gives a single precipitin arc against anti-peroxidase, anti-rabbit serum as well as purified and partially purified beta-amylase [sweet potato].
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% (w/v) 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:	Multi-step process including delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	HRP
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:	<a href="#">P10537</a>



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**Background:** Beta-amylase is an enzyme found in the seeds of higher plants and in sweet potatoes. It hydrolyses 1,4 alpha D glucosidic linkages in polysaccharides to remove successive maltose units from the non reducing ends of the chains. Used in the structural analysis of starch and glycogen.

**Synonyms:** BMY1, AMYB