

Product datasheet for **R1062HRPS**

Alpha-amylase Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, IP, WB

Recommended Dilution: **Western blot:** 1/500-1/5,000.
Immunoprecipitation: 1/100.
ELISA: 1/5,000-1/20,000.

This antibody has been assayed against 1.0 µg of Alpha-amylase in a standard capture ELISA using ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/2,000 to 1/10,000 of the reconstitution concentration is suggested.

Reactivity: Bacillus amyloliquefaciens

Host: Rabbit

Clonality: Polyclonal

Immunogen: Alpha-amylase from Bacillus amyloliquefaciens

Specificity: This antibody detects Alpha-amylase (Bacillus amyloliquefaciens). Cross reactivity against Alpha-amylase from other tissues and species may occur but have not been specifically determined.

Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-rabbit serum as well as purified and partially purified Alpha-amylase from Bacillus amyloliquefaciens.

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

Concentration: lot specific

Purification: Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer

Conjugation: HRP



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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:	<u>P00692</u>
Background:	Amylase catalyses the hydrolysis of internal 1,4 glucan links in large linear polymers at internal bonds. The enzyme is present in all living organisms with variable enzymatic activity.