

Product datasheet for **BP2028HRP**

Helicobacter pylori Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	Suitable for use in ELISA, immunocytochemistry and immunohistochemistry (formalin-fixed specimens).
Reactivity:	Helicobacter pylori
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	ATCC strain 43504
Specificity:	Whole cell lysate. Has not been absorbed and may react with related microorganisms.
Formulation:	PBS containing 10 mg/ml BSA as stabilizer and 0.002 % Thimerosal as preservative. Label: HRP State: Liquid purified Ig fraction. Label: Purified IgG fraction covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed Molar ratio: HRP: IgG substitution is 2-3
Concentration:	lot specific
Purification:	Protein A chromatography .
Conjugation:	HRP
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: one year from despatch.



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Background:

The spiral shaped bacterium *Helicobacter pylori* is strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy. *H. pylori* is known to cause peptic ulcers and chronic gastritis in human. It is associated with duodenal ulcers and may be involved in development of adenocarcinoma and low-grade lymphoma of mucosa associated lymphoid tissue in the stomach. More recently this bacterium has also been implicated with a number of vascular disorders including heart disease. It is not clear how *H. pylori* is transmitted or why some patients become symptomatic while others do not. The bacteria are most likely spread from person to person through fecal-to-oral or oral-to-oral routes. Possible environmental reservoirs include contaminated water sources.

Synonyms:

H. pylori