

Product datasheet for **BP2028**

Helicobacter pylori Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	Suitable for use in ELISA (1/5,000), Immunofluorescence Microscopy (> 1/1,000) and Immunohistochemistry (Formalin-Fixed specimens). This product may be used in place of neat antiserum in almost any appropriate antibody-based technique. It is also suitable for conjugation purposes.
Reactivity:	Helicobacter pylori
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	ATTC strain 43504
Specificity:	Whole Cell Lysate. This antiserum has not been absorbed and may react with related microorganisms.
Formulation:	0.01M PBS pH 7.2 containing 0.09% Sodium Azide as a preservative without stabilizing proteins. State: Ig Fraction State: Liquid purified Ig fraction (>95% pure).
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
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.
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