



## Anti-H. pylori Polyclonal antibody (DPAB1444)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Specificity</b>	Whole cell lysate. Has not been absorbed and may react with related microorganisms.
<b>Target</b>	H. pylori
<b>Immunogen</b>	ATCC strain 43504
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	H. pylori
<b>Purification</b>	Protein A chromatography purified IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent. Estimated mol
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA immunocytochemistry and immunohistochemistry (formalin-fixed specimens). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	HRP, Liquid
<b>Concentration</b>	1-2mg/ml (OD280nm, E0.1%=1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	PBS containing 10mg/ml BSA
<b>Preservative</b>	None

**Storage**

Short term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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## BACKGROUND

**Introduction**

*Helicobacter pylori* is a Gram-negative, microaerophilic bacterium that can inhabit various areas of the stomach, particularly the antrum. It causes a chronic low-level inflammation of the stomach lining and is strongly linked to the development of duodenal and gastric ulcers and stomach cancer. Over 80 percent of individuals infected with the bacterium are asymptomatic.

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**Keywords**

*H. pylori*; Proteobacteria; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; *Helicobacter pylori*

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