



## Anti-H. pylori Polyclonal antibody (DPAB1445)

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>	95% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA, IFA and immunohistochemistry (formalin fixed/paraffin). It is also suitable for conjugation purposes. 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>	Purified, Liquid
<b>Concentration</b>	4-5mg/ml (OD280nm, E0.1%=1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Short term (up to 6 months) at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

# 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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