

Anti-Helicobacter pylori antibody ab7788

[8 References](#) [1 Image](#)

Overview

Product name	Anti-Helicobacter pylori antibody
Description	Rabbit polyclonal to Helicobacter pylori
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Helicobacter pylori
Immunogen	Tissue, cells or virus corresponding to Helicobacter pylori. Purified helicobacter pylori.
General notes	<p>This antibody stains the individual H. pylori bacterium when it presents on the surface of the epithelium or in the cytoplasm of the epithelial cells in biopsy tissue sections from the antrum and body of the stomach.</p> <p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.60</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
Purity	Immunogen affinity purified
Primary antibody notes	This antibody stains the individual H. pylori bacterium when it presents on the surface of the epithelium or in the cytoplasm of the epithelial cells in biopsy tissue sections from the antrum and body of the stomach.

Clonality	Polyclonal
Isotype	IgG

Applications

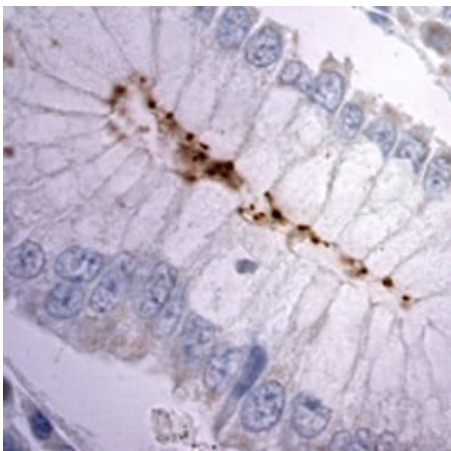
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Application	Abreviews	Notes
IHC-P		1/100. Perform enzymatic antigen retrieval before commencing with IHC staining protocol. Prolonged fixation in buffered formalin may destroy the epitope.

Target

Relevance 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. Serological tests that measure specific *H. pylori* IgG antibodies can determine if a person has been infected although these methods do have drawbacks and limitations.

Images



ab7788 staining formalin-fixed/ paraffin-embedded human stomach tissue sections infected with *Helicobacter pylori*.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-*Helicobacter pylori* antibody (ab7788)

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