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: Other species

Immunogen: Tissue, cells or virus corresponding to Helicobacter pylori.

Positive control: Human gastritis tissue.

Properties:

Form: Liquid

Storage instructions: Shipped at 4°C. Store at -20°C.

Storage buffer: Preservative: 0.01% Sodium azide

Purity: Protein A purified

Clonality: Polyclonal

Isotype: IgG

Applications:

Our Abpromise guarantee covers the use of ab140128 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>IHC-P</td>
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<td>1/250 - 1/500.</td>
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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**

Immunohistochemical analysis of paraffin-embedded Human gastritis tissue labelling Helicobacter pylori with ab140128 at 1/250 dilution.

Immunochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Helicobacter pylori antibody (ab140128)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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