Product datasheet

Anti-Helicobacter pylori antibody ab140128

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: 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
Constituents: 50% Glycerol, 0.05% BSA
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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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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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 labeling *Helicobacter pylori* with ab140128 at 1/250 dilution.

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

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