abcam

Product datasheet

HRP Anti-Helicobacter pylori antibody ab20629

Overview

Product name	HRP Anti-Helicobacter pylori antibody
Description	HRP Rabbit polyclonal to Helicobacter pylori
Host species	Rabbit
Conjugation	HRP
Tested applications	**Suitable for:** IHC-FoFr, ELISA
Species reactivity	**Reacts with:** Helicobacter pylori
Immunogen	Tissue, cells or virus corresponding to Helicobacter pylori. Helicobacter pylori (ATCC strain 43504).
General notes	Estimated molar HRP:IgG substitution is 2-3. 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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.002% Thimerosal (merthiolate) Constituent: 1% BSA Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.
Purity	Protein A purified
Purification notes	Source: whole cell lysate. Protein A chromatography purified IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent.
Clonality	Polyclonal

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab20629 in the following tested applications.

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

Application	Abreviews	Notes
IHC-FoFr		
ELISA		

Application notes ELISA: 1/20 - 1/1000.
IHC-F: 1/20 - 1/200.

Not tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

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 adenocarcimona 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.

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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