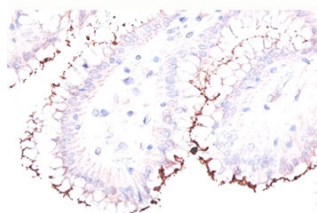


## Helicobacter Pylori Antibody (V2340)

Catalog No.	Formulation	Size
V2340-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2340-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2340SAF-100UG	1 mg/ml in 1X PBS with 0.05% sodium azide; BSA-free	100 ug

[Bulk quote request](#)

<b>Species Reactivity</b>	Helicobacter pylori
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Protein A affinity chromatography
<b>Buffer</b>	1X PBS, pH 7.4
<b>Gene ID</b>	Not Applicable
<b>Localization</b>	Cell surface and cytoplasm
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This <b>Helicobacter pylori antibody</b> is available for research use only.



Formalin/paraffin human stomach stained with Helicobacter pylori antibody.

## Description

The spiral shaped bacterium *Helicobacter pylori* is strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy. This bacteria 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. This antibody stains the individual *Helicobacter 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.

## Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titrated up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.

## Immunogen

Total sonicate of *Helicobacter pylori* was used as the immunogen for this antibody.

## Storage

Store the *Helicobacter Pylori* antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

## Alternate Names

H. pylori, *Helicobacter Pylori* Antibody

## References (2)