

# Product Datasheet

## Catalase Antibody (HPYL/7170) [Alexa Fluor™ Plus 405] - (H. pylori) NBP3-14079AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14079AFP405**

Catalase Antibody (HPYL/7170) [Alexa Fluor™ Plus 405] - (H. pylori)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HPYL/7170
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Conjugate</b>	Alexa Fluor Plus 405
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	847
<b>Gene Symbol</b>	CAT
<b>Species</b>	H. pylori
<b>Reactivity Notes</b>	Helicobacter pylori
<b>Specificity/Sensitivity</b>	The spiral shaped bacterium Helicobacter pyloriis strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy.H. pyloriis 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 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.
<b>Immunogen</b>	Recombinant Helicobacter pylori Catalase protein fragment (around aa323-445) (Exact sequence is proprietary)
<b>Notes</b>	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.



<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-14079AFP405**

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NBP1-98907-100ug	Recombinant Human Catalase His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-24476	Catalase Activity Assay Kit (Colorimetric)
AF3667	Myeloperoxidase/MPO Antibody [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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