



# Gastrin rabbit pAb

Cat No.:ES5410

For research use only

## Overview

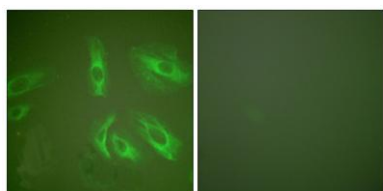
<b>Product Name</b>	Gastrin rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Gastrin. AA range:52-101
<b>Specificity</b>	Gastrin Polyclonal Antibody detects endogenous levels of Gastrin protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Gastrin
<b>Gene Name</b>	GAST
<b>Cellular localization</b>	Secreted.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	12kD
<b>Human Gene ID</b>	2520
<b>Human Swiss-Prot Number</b>	P01350
<b>Alternative Names</b>	GAST; GAS; Gastrin
<b>Background</b>	Gastrin is a hormone whose main function is to stimulate secretion of hydrochloric acid by the gastric mucosa, which results in gastrin formation inhibition. This hormone also acts as a mitogenic factor for gastrointestinal epithelial cells. Gastrin has



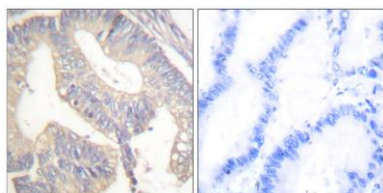


two biologically active peptide forms, G34 and G17.  
[provided by RefSeq, Jul 2008],

Immunofluorescence analysis of HeLa cells, using Gastrin Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using Gastrin Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using Gastrin Antibody. The lane on the right is blocked with the synthesized peptide.

