

Product Datasheet

Anti-Gastrin Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL01220

Product Information

Product name Anti-Gastrin Rabbit pAb

Source Rabbit

Species reactivity Human, Mouse, Rat

Tested applications WB 1:1000-1:2000

IHC 1:100-1:400

IF 1:500

Cellular localization Secreted

Pack size 50/100/200/500/1000μl

Storage Store at -20°C. **Avoid freeze/thaw cycles.**

Storage buffer Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml

BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

Gastrin is mainly known by its first described role as a gastric acid-hormone but the protein also has the ability to promote cellular growth. More recently, gastrin has been suggested to induce leukocyte-endothelial cell interactions and to have a pro-inflammatory effect. High levels of Gastrin Releasing Peptide (GRP) are found in the human lung just after birth and levels decrease thereafter in parallel with the observed disease in number of pulmonary neuroendocrine cells. GRP is known to promote lung tumorigenesis in model systems and, interestingly, is induced by retinoic acid. GRP is involved in several functions with the hypothalamus, and is thought to play a role in regulating pituitary hormone secretion.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Gastrin.

Purification

Polyclonal antibody was purified by protein A affinity chromatography.

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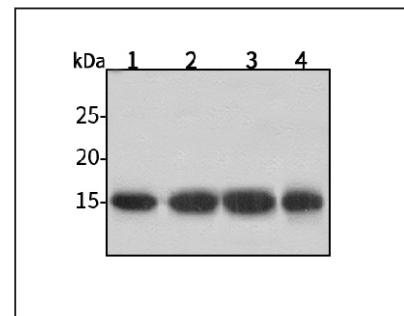
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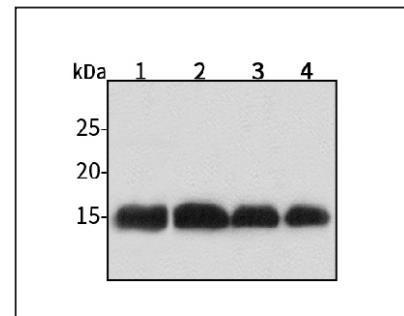
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Product Images



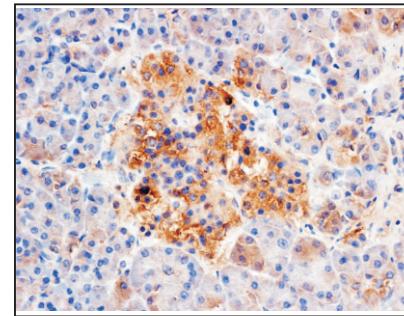
Western blot-Anti-Gastrin pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-Gastrin at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 14 kDa
Observed band size: 14kDa



Western blot-Anti-Gastrin pAb

Lane 1: Mouse brain tissue lysate
Lane 2: Mouse kidney tissue lysate
Lane 3: Mouse heart tissue lysate
Lane 4: Rat liver tissue lysate
All lanes: Anti-Gastrin at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 14 kDa
Observed band size: 14 kDa



Immunohistochemistry-Anti-Gastrin pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-Gastrin Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

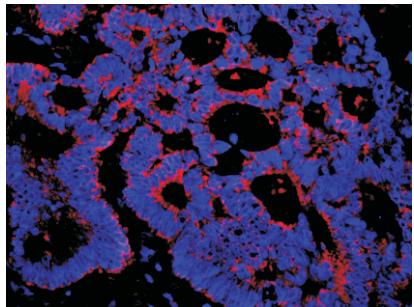
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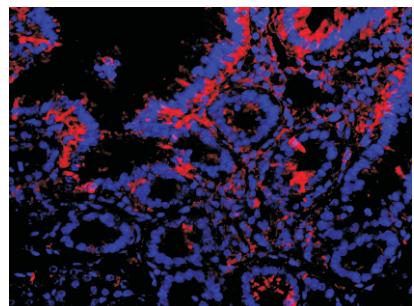
Product Information



Immunofluorescence-Anti-Gastrin pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-Gastrin Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunofluorescence-Anti-Gastrin pAb

Immunofluorescence analysis of paraffin-embedded mouse intestine using anti-Gastrin Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.