

AP09558SU-N**Polyclonal Antibody to Gastrin - Serum**

Alternate names:	GAS, GAST
Quantity:	0.25 ml
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. Gastrin has two biologically active peptide forms, G34 and G17 and they activate two different receptors: the CCK-1 receptor, which has low affinity for gastrin but high affinity for the related hormone cholecystokinin (CCK), and the CCK-2 receptor, which has high affinity for both gastrin and CCK and mediates the acid-secretory as well as the proliferative effects of gastrin.
Uniprot ID:	P01350
NCBI:	NP_000796
GeneID:	2520
Host:	Rabbit
Immunogen:	Human gastrin 17 conjugated to BSA
Format:	State: Liquid Serum Buffer System: PBS Preservatives: 0.09% Sodium Azide Stabilizers: 1% BSA
Applications:	Immunocytochemistry. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Embedded Sections: No proteolytic treatment required. <i>Recommended Dilutions:</i> 1/50-1/100. Incubation Time: 1 h at room temperature or overnight at 2-8°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Gastrin-secreting cells are numerous in the antrum and a few are found in the proximal duodenum. The antibody can be used for the diagnosis of gastrin-producing tumors which are mainly found in the pancreas and occasionally in the stomach and the duodenum.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.