

Product datasheet for **AP09558SU-N**

Gastrin (GAST) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	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.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Human gastrin 17 conjugated to BSA
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.
Formulation:	PBS State: Serum State: Liquid Serum Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	gastrin
Database Link:	Entrez Gene 2520 Human P01350



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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.

Synonyms:

GAST, GAS

Protein Families:

Druggable Genome, Secreted Protein