

Rabbit anti-Human, Mouse Gastrin Polyclonal Antibody | anti-GAST antibody

Gastrin Antibody

CATALOG # AAA302111	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Gastrin; Polyclonal Antibody; Gastrin Antibody; Component II; GAS; GAST; gastrin precursor; anti-GAST antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Gastrin protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	101
Applicable Applications for anti-GAST antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Gastrin.
Target Name	Gastrin
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells (Lane 2), using Gastrin antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells, using Gastrin antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using Gastrin antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GAST antibody	Gastrin stimulates the stomach mucosa to produce and secrete hydrochloric acid and the pancreas to secrete its digestive enzymes. It also stimulates smooth muscle contraction and increases blood circulation and water secretion in the stomach and intestine.Marlene Dufresne, Physiol Rev, Jul 2006; 86: 805 - 847.T. C. Wang, Tillotson, M. Chulak, S. J. Brand, and E. V. SchmidtD. H. Yu, Am J Physiol Gastrointest Liver Physiol, Dec 1987; 253: 793.Masato Komori, Am J Physiol Gastrointest Liver Physiol, Dec 20
Product Categories/Family for anti-GAST antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503923
NCBI GeneID	2520
NCBI Accession #	NP_000796.1
NCBI GenBank Nucleotide #	NM_000805.4
UniProt Accession #	P01350; P78463; P78464; AAB19304
Molecular Weight	11,394 Da
NCBI Official Full Name	gastrin preproprotein
NCBI Official Synonym Full Names	gastrin
NCBI Official Symbol	GAST
NCBI Official Synonym Symbols	GAS
NCBI Protein Information	gastrin
UniProt Protein Name	Gastrin
UniProt Gene Name	GAST
UniProt Synonym Gene Names	GAS; G52; G34; G17; G14; G6
UniProt Entry Name	GAST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gastrin-antibody-immunohistochemistry-western-blot-elisa/302111>