

产品名称: Pepsin C Rabbit Polyclonal Antibody
产品货号: AP Rab15965



产品概述 (Summary)

产品名称 (Production Name)	Pepsin C Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PGC
别名 (Alternative Names)	PGC; Gastricsin; Pepsinogen C
基因 ID (Gene ID)	5225.0
蛋白 ID (SwissProt ID)	P20142.The antiserum was produced against synthesized peptide derived from human Pepsin C. AA range:257-306

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	42kDa

研究背景 (Background)

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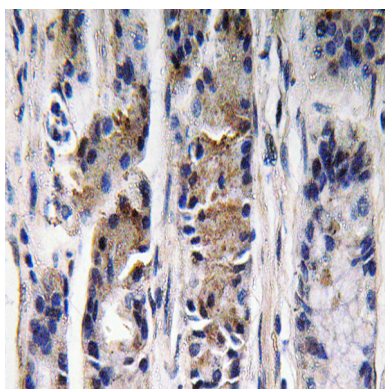


This gene encodes an aspartic proteinase that belongs to the peptidase family A1. The encoded protein is a digestive enzyme that is produced in the stomach and constitutes a major component of the gastric mucosa. This protein is also secreted into the serum. This protein is synthesized as an inactive zymogen that includes a highly basic prosegment. This enzyme is converted into its active mature form at low pH by sequential cleavage of the prosegment that is carried out by the enzyme itself. Polymorphisms in this gene are associated with susceptibility to gastric cancers. Serum levels of this enzyme are used as a biomarker for certain gastric diseases including Helicobacter pylori related gastritis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 1. [provided by RefSeq, Oct 2009], catalytic activity: More restricted specificity than pepsin A, but shows preferential cleavage at Tyr-[Xaa bonds. High activity on hemoglobin., function: Hydrolyzes a variety of proteins., similarity: Belongs to the peptidase A1 family.,

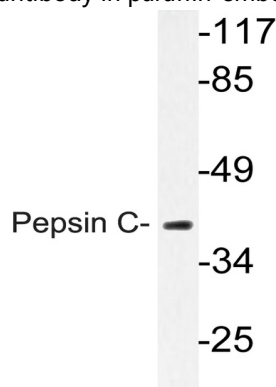
研究领域 (Research Area)

Cardiovascular

图片 (Image Data)



Immunohistochemistry analysis of Pepsin C antibody in paraffin-embedded human lung carcinoma tissue.



Western blot analysis of lysate from Jurkat cells, using Pepsin C antibody.

注意事项 (Note)

For research use only .

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