

产品名称: Pepsin A Rabbit Polyclonal Antibody
产品货号: AP Rab15964



产品概述 (Summary)

产品名称 (Production Name)	Pepsin A 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)	PGA3/PGA4/PGA5
别名 (Alternative Names)	Pepsin A; PGA3; PGA4; PGA5
基因 ID (Gene ID)	5222/643847
蛋白 ID (SwissProt ID)	P00790.The antiserum was produced against synthesized peptide derived from human Pepsin A. AA range:258-307

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	42kDa

研究背景 (Background)

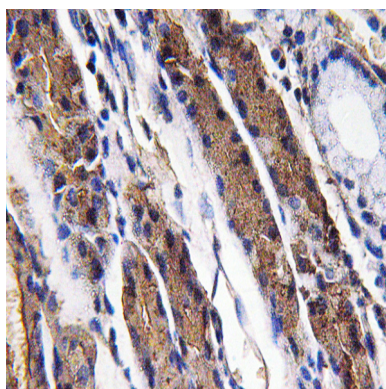
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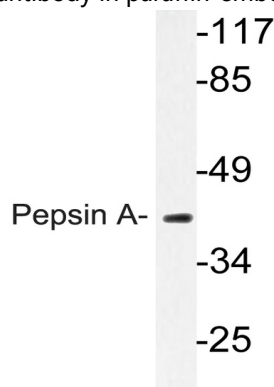
This gene encodes a protein precursor of the digestive enzyme pepsin, a member of the peptidase A1 family of endopeptidases. The encoded precursor is secreted by gastric chief cells and undergoes autocatalytic cleavage in acidic conditions to form the active enzyme, which functions in the digestion of dietary proteins. This gene is found in a cluster of related genes on chromosome 11, each of which encodes one of multiple pepsinogens. Pepsinogen levels in serum may serve as a biomarker for atrophic gastritis and gastric cancer. [provided by RefSeq, Jul 2015], catalytic activity: Preferential cleavage: hydrophobic, preferably aromatic, residues in P1 and P1' positions. Cleaves 1-Phe-|-Val-2, 4-Gln-|-His-5, 13-Glu-|-Ala-14, 14-Ala-|-Leu-15, 15-Leu-|-Tyr-16, 16-Tyr-|-Leu-17, 23-Gly-|-Phe-24, 24-Phe-|-Phe-25 and 25-Phe-|-Tyr-26 bonds in the B chain of insulin., function: Shows particularly broad specificity; although bonds involving phenylalanine and leucine are preferred, many others are also cleaved to some extent., similarity: Belongs to the peptidase A1 family.,

研究领域 (Research Area)

图片 (Image Data)

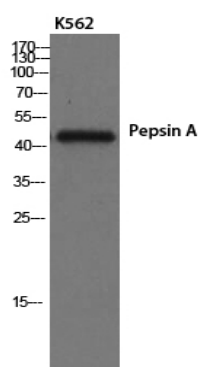


Immunohistochemistry analysis of Pepsin A antibody in paraffin-embedded human lung carcinoma tissue.



Western blot analysis of lysate from K562 cells, using Pepsin A antibody.

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Western Blot analysis of K562 cells using Pepsin A Polyclonal Antibody

注意事项 (Note)

For research use only .