



## Rabbit Anti-Pepsin antibody

SL10638R

<b>Product Name:</b>	Pepsin
<b>Chinese Name:</b>	猪胃蛋白抗体
<b>Alias:</b>	Pepsin A 3; Pepsin A 4; Pepsin A 5; Pepsin A; Pepsin; Pepsinogen 3; Pepsinogen 4; Pepsinogen 5; Pepsinogen; PGA; PGA3; PGA4; PGA5.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Pig,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	41kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from pig Pepsin:
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Pepsin is a digestive enzyme with particularly broad specificity. It is stored as pepsinogen, so only released when needed. In the stomach, chief cells release pepsinogen. The hormone gastrin and the vagus nerve trigger the release of both pepsinogen and HCl from the stomach lining when food is ingested. HCl creates an acidic environment which allows pepsinogen to unfold and cleave itself in an autocatalytic fashion, thereby generating pepsin (the active form). Pepsin may then

cleave the dietary proteins into smaller peptides.

**Subcellular Location:**

Secreted.

**SWISS:**

P00791

**Gene ID:**

396892

**Database links:**

[Entrez Gene: 396892](#)Pig

[SwissProt: P00791](#)Pig

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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