

Datasheet for ABIN7431242
anti-Pepsinogen A antibody (AA 16-387)

2 Images

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Overview

Quantity:	100 µL
Target:	Pepsinogen A
Binding Specificity:	AA 16-387
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pepsinogen A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Pepsinogen A (PGA)
Immunogen:	Recombinant Pepsinogen A (PGA) corresponding to Leu16~Ala387 (Accession # Q9JJX2)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PGA. It has been selected for its ability to recognize PGA in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

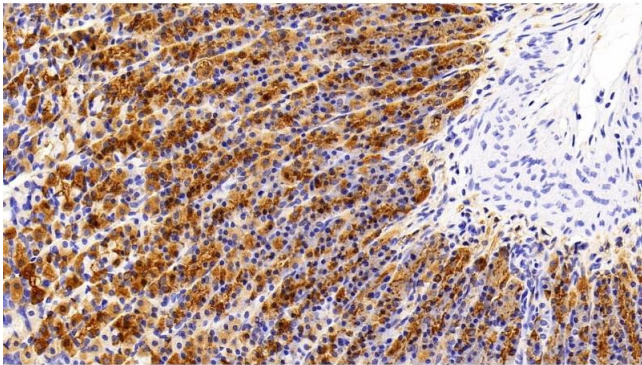
Target:	Pepsinogen A
Abstract:	Pepsinogen A Products
Background:	PGA5, PG-A, Pepsinogen 5 Group I, Pepsinogen-5, Pepsin A-5

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

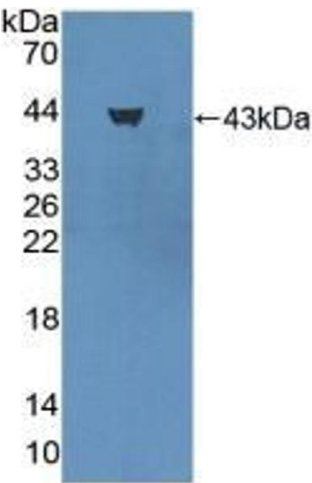
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of PGA in Rat Stomach Tissue using Polyclonal Antibody to Pepsinogen A (PGA)



Western Blotting

Image 2. Detection of Recombinant PGA, Rat using Polyclonal Antibody to Pepsinogen A (PGA)