

Datasheet for ABIN3208206

**anti-Pepsin antibody**

3 Images

3 Publications

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Pepsin
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pepsin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Native Protein Pepsin
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PP. It has been selected for its ability to recognize PP in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography

## Target Details

Target:	Pepsin
Alternative Name:	Pepsin (PP) ( <a href="#">Pepsin Products</a> )

## Application Details

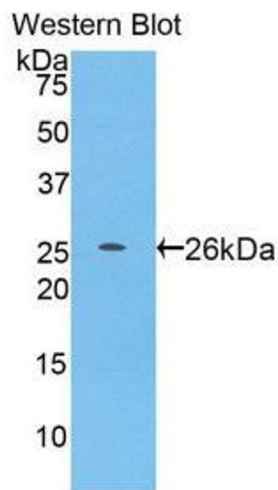
Application Notes:	<ul style="list-style-type: none"><li>• Western blotting: 0.5-2 µg/mL</li><li>• Immunocytochemistry in formalin fixed cells: 5-20 µg/mL</li><li>• Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL</li><li>• Immunohistochemistry in paraffin section: 5-20 µg/mL</li><li>• Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL</li><li>• Optimal working dilutions must be determined by end user.</li></ul>
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
Concentration:	Lot specific
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C
Storage Comment:	Store at 4 °C for frequent use. Stored at -20 °C to -80 °C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

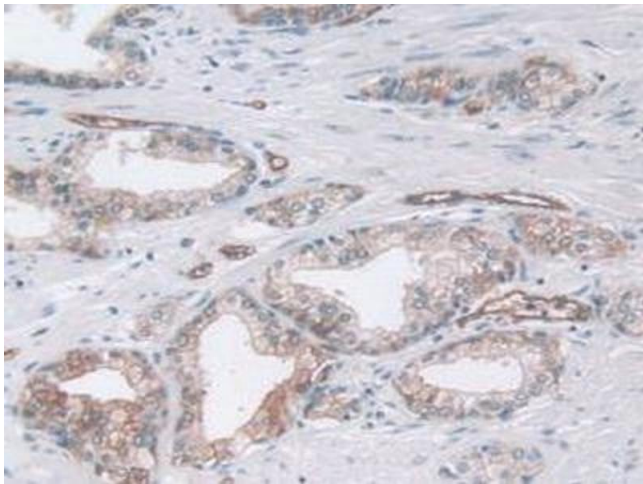
## Publications

Product cited in:	Zheng, Hu, Huang, Xu, Yang, Li: "In vivo bioengineered ovarian tumors based on collagen, matrigel, alginate and agarose hydrogels: a comparative study." in: <b>Biomedical materials (Bristol, England)</b> , Vol. 10, Issue 1, pp. 015016, (2015) ( <a href="#">PubMed</a> ).
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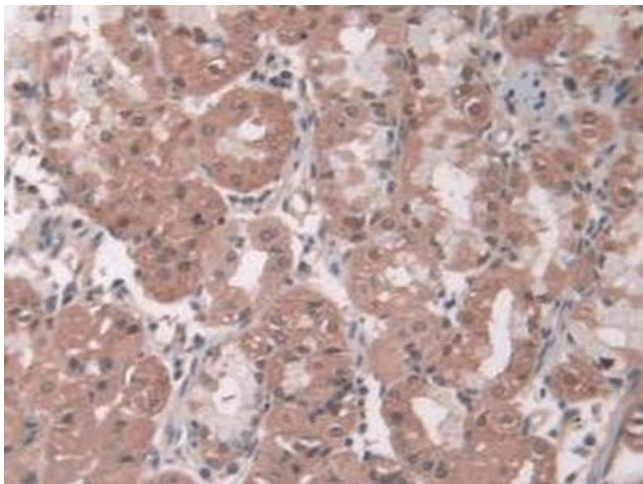
Western Blotting

Image 1.



Immunohistochemistry

Image 2. Figure. DAB staining on IHC-P; Samples: Human Prostate Gland Tissue.



Immunohistochemistry

Image 3. Figure. DAB staining on IHC-P; Samples: Human Stomach Tissue.