

Datasheet for ABIN7565905
anti-Pepsin A antibody (HRP)



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Overview

Quantity:	25 µL
Target:	Pepsin A
Reactivity:	Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Pepsin A antibody is conjugated to HRP
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Dot Blot (DB)

Product Details

Purpose:	Pepsin Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Pepsin [Porcine Stomach] Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum as well as purified and partially purified Pepsin [Porcine Stomach].
Characteristics:	Synonyms: goat anti-Pepsin Antibody HRP Conjugated, Peroxidase Conjugated goat anti-Pepsin Antibody, Pepsin A antibody, Pepsin a precursor antibody, Pepsin antibody, Pepsinogen 1 second locus antibody, Pepsinogen 3 group 1 antibody, Pepsinogen a3 antibody
Purification:	Pepsin is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
Sterility:	Sterile filtered

Target Details

Target:	Pepsin A
Alternative Name:	PGA (Pepsin A Products)
Background:	Background: Pepsin is one of three principal protein-degrading, or proteolytic, enzymes in the digestive system, the other two being chymotrypsin and trypsin. Pepsin is commonly used in the preparation produce either an Fab or an F(ab') ₂ fragment from antibodies.
Gene ID:	396892
UniProt:	P00791

Application Details

Application Notes:	Application Note: Anti-Pepsin peroxidase has been tested by ELISA, dot blot, and western blot and is useful in immunohistochemistry. Optimal titers should be obtained by researchers if not provided. Immunohistochemistry Dilution: 1:250 - 1:1,250 Western Blot Dilution: 1:500 - 1:2,500 ELISA Dilution: 1:2,000 - 1:10,000 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Handling

Expiry Date: 12 months