

## Datasheet for 100-1176

# Pepsin Antibody

### Overview

<b>Description:</b>	Anti-Pepsin (GOAT) Antibody - 100-1176
<b>Item No.:</b>	100-1176
<b>Size:</b>	2 mL
<b>Reactivity:</b>	Pig
<b>Host Species:</b>	Goat

### Product Details

<b>Background:</b>	Pepsin shows particularly broad specificity; although bonds involving phenylalanine and leucine are preferred, many others are also cleaved to some extent.
<b>Synonyms:</b>	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
<b>Host Species:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	Antiserum

### Target Details

<b>Gene Name:</b>	PGA
<b>Reactivity:</b>	Pig
<b>Immunogen Type:</b>	Native Protein
<b>Immunogen:</b>	Pepsin [Porcine stomach]
<b>Purity/Specificity:</b>	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, purified and partially purified Pepsin [Porcine stomach]. Cross reactivity against Pepsin from other tissues and species may occur but have not been specifically determined.
<b>Relevant Links:</b>	<ul style="list-style-type: none"><li>• <a href="#">UniProtKB - P00791</a></li><li>• <a href="#">NCBI - AAA31095.1</a></li></ul>

- **GenelD - 396892**

## Application Details

**Application Note:** This product has been assayed against 1.0 ug of Pepsin [Porcine stomach] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Rabbit) code #605-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid])) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:11,000 of the reconstitution concentration is suggested for this product.

**Assay Dilutions:** All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

**ELISA:** 1:5,000 - 1:25,000

**WB:** 1:500 - 1:3,000

## Formulation

**Physical State:** Lyophilized

**Concentration:** 90 mg/mL by Refractometry

**Buffer:** 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Preservative:** 0.01% (w/v) Sodium Azide

**Stabilizer:** None

**Reconstitution Volume:** 2.0 mL

**Reconstitution Buffer:** Restore with deionized water (or equivalent)

## Shipping & Handling

**Shipping Condition:** Ambient

**Storage Condition:** Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Expiration:** Expiration date is one (1) year from date of receipt.

## Disclaimer

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