

**Anti-PEPSIN (GOAT) Antibody Peroxidase Conjugated**  
**Pepsin Antibody Peroxidase Conjugated**  
**Catalog # ASR4102****Specification****Anti-PEPSIN (GOAT) Antibody Peroxidase Conjugated - Product Information**

Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Swine
Reactivity	Pig
Clonality	Polyclonal
Application	WB, IHC, E, I, LCI
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.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Pepsin [Porcine Stomach]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

**Anti-PEPSIN (GOAT) Antibody Peroxidase Conjugated - Additional Information****Other Names**

396892

**Purity**

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. 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]. Cross reactivity against Pepsin from other tissues and species may occur but have not been specifically determined.

**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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

## **Anti-PEPSIN (GOAT) Antibody Peroxidase Conjugated - Protein Information**

**Name** PGA

### **Function**

Shows particularly broad specificity; although bonds involving phenylalanine and leucine are preferred, many others are also cleaved to some extent.

### **Cellular Location**

Secreted.

## **Anti-PEPSIN (GOAT) Antibody Peroxidase Conjugated - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Anti-PEPSIN (GOAT) Antibody Peroxidase Conjugated - Images**

## **Anti-PEPSIN (GOAT) Antibody Peroxidase Conjugated - 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')<sub>2</sub> fragment from antibodies.