

**Anti-PEROXIDASE (Horseradish) (GOAT) Antibody**  
**Peroxidase Antibody**  
**Catalog # ASR3902****Specification**

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**Anti-PEROXIDASE (Horseradish) (GOAT) Antibody - Product Information**

Host	Goat
Conjugate	Unconjugated
Clonality	Polyclonal
Application	WB, IHC, E, I, LCI
Application Note	Anti-Peroxidase has been tested by ELISA and western blot and is suitable for dot blot, immunoprecipitation, and most immunological methods requiring high titer and specificity.
Physical State	Liquid (sterile filtered)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Peroxidase (Horseradish)
Preservative	0.01% (w/v) Sodium Azide

**Anti-PEROXIDASE (Horseradish) (GOAT) Antibody - Additional Information****Purity**

This product 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-Goat Serum as well as purified and partially purified Peroxidase (Horseradish). Cross-reactivity against Peroxidase from other tissues and species may occur but has not been specifically determined.

**Storage Condition**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. 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**

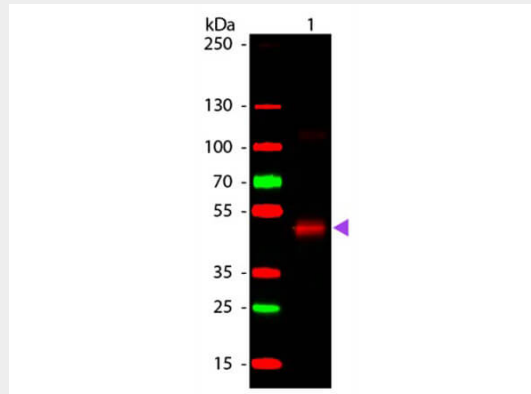
This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-PEROXIDASE (Horseradish) (GOAT) Antibody - Protein Information****Anti-PEROXIDASE (Horseradish) (GOAT) Antibody - 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-PEROXIDASE (Horseradish) (GOAT) Antibody - Images



Western Blot of Goat anti-Peroxidase Antibody. Lane 1: Peroxidase. Lane 2: None. Load: 50 ng per lane. Primary antibody: Peroxidase primary antibody at 1:1,000 overnight at 4°C. Secondary antibody: DyLight™ 649 goat secondary antibody (p/n 605-743-125) at 1:20,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 44 kDa, 44 kDa for Peroxidase. Other band(s): None.

#### Anti-PEROXIDASE (Horseradish) (GOAT) Antibody - Background

Peroxidase described as the removal of hydrogen peroxide, oxidation of toxic reductants, biosynthesis and degradation of lignin, suberization, auxin catabolism, a response to environmental stresses such as wounding, a and pathogen attack and oxidative stress. These functions might be dependent on each isozyme/isoform in each plant tissue.