

Product datasheet for **TA396628S**

PRXC, HRPC Goat Polyclonal Antibody

Product data:

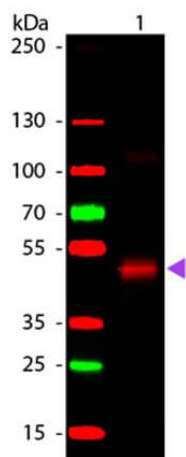
Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1:2,000 - 1:10,000 IHC: 1:1,000 - 1:5,000 ELISA: 1:20,000 - 1:100,000
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peroxidase (Horseradish)
Specificity:	This product is an IgG fraction antibody purified from monospecific 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.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	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.
Stability:	Expiration date is three (3) months from date of receipt.
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.



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- Synonyms:** goat anti-Peroxidase Antibody, goat anti-HRP antibody, horseradish antibody, goat anti Peroxidase, goat anti HRP
- 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.

Product 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.