

## Product datasheet for **TA397100S**

### PRXC, HRPC Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>WB:</b> 1:500 - 1:3,000 <b>ELISA:</b> 1:2,000 - 1:10,000
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Peroxidase [Horseradish]
Specificity:	Anti-PEROXIDASE 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-Sheep Serum as well as purified and partially purified Peroxidase [Horseradish]. Cross reactivity against Peroxidase from other tissues and species may occur but have not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0mg/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 one (1) year 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.
Synonyms:	sheep anti-Peroxidase Antibody, sheep anti-HRP antibody, horseradish antibody, sheep anti Peroxidase, sheep anti HRP



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**Note:** Anti-Peroxidase has been tested by western blot and is suitable for dot blot, ELISA, immunoprecipitation, conjugation and most immunological methods requiring high titer and specificity.