

Product datasheet for **TA396741**

PRXC, HRPC Guinea Pig 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:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Peroxidase [Horseradish]
Specificity:	Anti-Peroxidase (Horseradish) (Guinea Pig) Antibody 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-Guinea Pig 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
Reconstitution Method:	Restore with deionized water (or equivalent) - Reconstitution Volume: 100 µL
Concentration:	1.0 mg/ml - lot specific
Conjugation:	Unconjugated
Storage:	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.
Stability:	Expiration date is one (1) year from date of receipt.
Background:	Horse Radish Peroxidase (HRP) is an enzyme that utilize organic peroxide compounds as electron donors. Naturally provides protection for plants against pathogens, but can be utilized in molecular biology to convert various substrates to detectable compounds (such as in Western Blotting and ELISAs). Anti-Peroxidase (Horseradish) (Guinea Pig) Antibody is ideal for investigators in Microbiology, Immunology, and Cell Biology research.

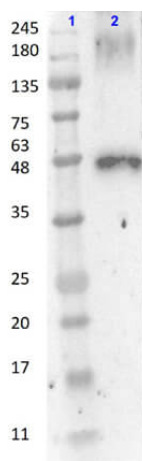


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Synonyms: Guinea pig anti-peroxidase antibody, Guinea pig anti-HRP antibody, Horseradish peroxidase

Note: Anti-Peroxidase (Horseradish) (Guinea Pig) Antibody has been tested by western blot and is suitable for immunoblotting (western or dot blot), ELISA, immunoprecipitation, conjugation and most immunological methods requiring high titer and specificity.

Product images:



Western Blot Results of Anti-Peroxidase Antibody. Lane 1: Opal Prestained Molecular Weight Marker (p/n MB-210-0500). Lane 2: Peroxidase. Primary Anti-Peroxidase at 1:2000 at RT for 1hr. Secondary Antibody: Goat Anti-Guinea Pig IgG DyLight™549 (p/n 606-142-129) at 1:10000 at RT for 30mins. Block: MB-070. Expect MW: ~44kDa.