



Anti-HRP polyclonal antibody (DPABT-H22439)

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

PRODUCT INFORMATION

Specificity	pan reactive
Immunogen	Peroxidase isolated from horseradish
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	IA
Reconstitution	Restore with deionized water (or equivalent)
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.6
Preservative	None
Storage	Store anti-HRP 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.
Ship	Ambient

BACKGROUND

Introduction

Horseradish Peroxidase (HRP) is an enzyme commonly used as an indicator for chemical reactions which produce peroxide. The enzyme is routinely conjugated to antibodies for use in enzyme-based immunoassay systems. HRP functions in the removal of H₂O₂ (hydrogen peroxide), oxidation of toxic reductants, biosynthesis and degradation of lignin, suberization, auxin catabolism, response to environmental stresses such as wounding, pathogen attack and oxidative stress. These functions might be dependent on each isozyme/isoform in each plant tissue.
