

Rabbit Anti-HRP whole serum Secondary Antibody

Product Details

Ig Type:	whole antiserum
Reactivity:	Horseradish Peroxidase
Purification:	Unpurified

Applications

Application:	ELISA
Recommended	ELISA: 1:10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	HRP protein purified from horseradish
Synonyms:	HRPA2;EC 1.11.1.7;HRPC2;HRPE5;Horseradish Peroxidase;Peroxidase C1B;PRXC3;Peroxidase C2;HRP;PRXC1A;HRPN;HPRC1;Peroxidase E5;Peroxidase C1A;Neutral peroxidase;PRXC1B;PRXC2;Peroxidase A2;Peroxidase C3;HPRC 1;Peroxidase N;Peroxidase;HRPC 2

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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