

HRP | Horseradish peroxidase

Cat PA01523

Size 50 µl

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Armoracia rusticana, Arabidopsis thaliana, Caenorhabditis elegans

Immunogen

Native peroxidase isolated and purified from horseradish,

Host

Rabbit

Clonality

Polyclonal

Purity

Serum

Format

Lyophilized

Reconstitution

For reconstitution add 50 µl of sterile distilled water

Storage

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application

ELISA (ELISA), Western blot (WB)

Recommended dilution

1 : 1000-1 : 5000 (WB)

Expected | apparent MW

38,6 kDa

Confirmed reactivity

Armoracia rusticana, Arabidopsis thaliana, Caenorhabditis elegans

Not reactive in

No confirmed exceptions from predicted reactivity are currently known

Description

Horseradish peroxidase (HRP) is a secretory plant peroxidase, which can catalyze hydrogen peroxide oxidation of small aromatic substrates, such as plant hormones and lignin precursors, and participate in the oxidation of toxic reducing agents, biosynthesis and degradation of lignin. And responses to environmental stresses such as injury, pathogen attack, and oxidative stress.

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