HPR | Hydroxypyruvate reductase (peroxisomal matrix marker)

CD BioSciences
Plant Protein

Cat *PA00528*

Size *50 µl*

Host
Rabbit

Clonality
Polyclonal

Confirmed reactivity
Arabidopsis thaliana, Pisum sativum

Immunogen
KLH-conjugated synthetic peptide derived from known plant HRP sequences, including Arabidopsis thaliana UniProt: Q9C9W5,TAIR: At1g68010

Host
Rabbit

Clonality
Polyclonal

Purity
Serum

Format
Lyophilized

Reconstitution
For reconstitution add 50 µl of sterile 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
Western blot (WB)

Recommended dilution
1 : 10 000 (WB)

Expected | apparent MW
43 kDa

Confirmed reactivity
Arabidopsis thaliana, Pisum sativum

Predicted reactivity
Chlamydomonas reinhardtii, Chlorella sp. ,Cucumis sativus, Glycine max, Oryza sativa, Populus albaxtremula, Ricinus communis, Volvox

Not reactive in
No confirmed exceptions from predicted reactivity are currently known

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Description

Hydroxypyruvate reductase (HPR) belongs to the D-isomer-specific 2-hydroxyate dehydrogenase family (REDOX reductase) and is involved in the metabolism of glycine, serine, and theronine, as well as glyoxylate and dicarboxylate. Synonyms: HPR-hydroxypyruvate reductase, NADH: hydroxypyruvate reductase, D-glycerol dehydrogenase.

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