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product AS07 230

PetC | Rieske iron-sulfur protein of Cyt b6/f complex

product information

background	Rieske Iron-Sulfur Protein is located in chloroplast thylakoid membrane as a component of cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and state transitions.
immunogen	purified protein *Zea mays* Rieskie Iron-Sulfur protein
antibody format	rabbit polyclonal serum lyophilized
quantity	100 µl for reconstitution add 100 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 tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
tested applications	western blot (WB),immunoprecipitation (IP), immunogold labelling (IGL)
additional information	to be added when available

application information

recommended dilution	1 : 5000 with alkaline phosphatase (WB), 1: 1000 (IP)
expected | apparent MW	18 kDa
confirmed reactivity	*Hordeum vulgare*, *Zea mays*
predicted reactivity	monocts
not reactive in	dicots, *Dunaliella salina, Chlamydomonas reinhardtii*, cyanobacteria, *Scenedesmus* sp.
additional information	Antibody can be used to precipitate the native b6f complex.
selected references	to be added when available