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Product Datasheet

Anti-PC | Plastocyanin, Rabbit, Polyclonal AGR-AS06-141

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|----------------------------|---|
| Article Name | Anti-PC Plastocyanin, Rabbit, Polyclonal |
| Biozol Catalog Number | AGR-AS06-141 |
| Supplier Catalog Number | AS06-141 |
| Alternative Catalog Number | AGR-AS06-141 |
| Manufacturer | Agrisera |
| Host | Rabbit |
| Category | Antikörper |
| Application | WB |
| Species Reactivity | Bacteria, Plant |
| Immunogen | Purified native plastocyanin from Spinacia oleracea UniProt: P00289 |
| Product Description | Plastocyanin (PC) is a small Cu protein and a mobile electron carrier in the lumen of the thylkoids. PC interacts with the B/F complex and Photosystem I. Alternative name: DNA-damage-repair/toleration protein DRT112.... |
| Clonality | Polyclonal |
| Molecular Weight | 10 kDa |
| NCBI | 838622 |
| UniProt | P00289 |
| Purity | Serum |

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|--------------------|--|
| Form | Lyophilized |
| Antibody Type | Polyclonal Antibody |
| Application Dilute | 1 : 100 (IG), 1 : 2000 (WB) |
| Application Notes | <p>Plastocyanin runs aberrant due to negative charge at 12-19 kDa on SDS-PAGE depending upon the system used. In 15% gel the protein will run closer to its true MW than in 12% gel. In some cases PC can be very acidic and run at twice of its MW. PC1 runs closer to 14 kDa while PC2 runs closer to 19 kDa. For good resolution adding fresh DTT to the sample buffer is recommended. PC2 is generally more abundant and it increases with Cu feeding. PC1 is expressed first after etiolated seedlings are placed in the light.</p> |