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Product Datasheet

Anti-PsbA | D1 protein of PSII, C-terminal (chicken), Polyclonal AGR-AS01-016

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| Article Name | Anti-PsbA D1 protein of PSII, C-terminal (chicken), Polyclonal |
| Biozol Catalog Number | AGR-AS01-016 |
| Supplier Catalog Number | AS01-016 |
| Alternative Catalog Number | AGR-AS01-016 |
| Manufacturer | Agrisera |
| Host | Gallus |
| Category | Antikörper |
| Application | WB |
| Species Reactivity | A. thaliana, Bacteria, Plant |
| Immunogen | KLH-conjugated synthetic peptide derived from available plant, algal and cyanobacterial PsbA sequences, including Arabidopsis thaliana UniProt: A4QJR4, TAIR: AtCg00020 , Oryza sativa P0C434, Populus alba Q14FH6, Physcomitrella patens Q6YXN7, Chlamydomona |
| Product Description | The PsbA (D1) protein of Photosystem II is rapidly cycled under illumination in all oxygenic photobionts. Disruption of PsbA cycling or losses of PsbA pools are central to photoinhibition of photosynthesis in cyanobacteria, algae and plants under a w... |
| Clonality | Polyclonal |
| Molecular Weight | 38 28-30 kDa |
| NCBI | 844802 |
| UniProt | P83755 |

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| Purity | Purified, total IgY (chicken egg yolk immunoglobulin) in PBS pH 8. Contains 0.02 % sodium azide. |
| Form | Liquid |
| Antibody Type | Polyclonal Antibody |
| Application Dilute | 1 :4000-1 : 8000, 5 g of total protein, (WB) |
| Application Notes | The antibody is appropriate for detecting both, 24 kDa or the 10 kDa C-terminal fragments, whichever is generated under given treatment conditions. In our analysis we have seen both, ca. 24 kDa and ca. 10 kDa fragments from different samples, depending on |