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## Product Datasheet

### Anti-PsbA | D1 protein of PSII, C-terminal, DyLight 488 conjugated (), Rabbit, Polyclonal AGR-AS05-084A-DL488

|                            |   |
|----------------------------|---|
| Article Name               | Anti-PsbA   D1 protein of PSII, C-terminal, DyLight 488 conjugated (),<br>Rabbit, Polyclonal  |
| Biozol Catalog Number      | AGR-AS05-084A-DL488   |
| Supplier Catalog Number    | AS05-084A-DL488   |
| Alternative Catalog Number | AGR-AS05-084A-DL488   |
| Manufacturer               | Agrisera  |
| Host                       | Rabbit  |
| Category                   | Antikörper  |
| Application                | IF, WB  |
| Species Reactivity         | <i>A. thaliana</i> , Plant  |
| Immunogen                  | KLH-conjugated synthetic peptide derived from available plant, algal and cyanobacterial PsbA sequences, including <i>Arabidopsis thaliana</i> UniProt: A4QJR4, TAIR: AtCg00020, <i>Oryza sativa</i> P0C434, <i>Populus alba</i> Q14FH6, <i>Physcomitrella patens</i> Q6YXN7, <i>Chlamydomonas reinhardtii</i> P07753, <i>Synechocystis</i> sp. P14660 and many others |
| Clonality                  | Polyclonal  |
| Molecular Weight           | 38   28-30 kDa  |
| NCBI                       | <a href="#">844802</a>  |
| UniProt                    | <a href="#">P83755</a>  |

|                    |   |
|--------------------|---|
| Purity             | Immunogen affinity purified serum, in PBS pH 7.4, conjugated to DyLight 488.  |
| Form               | Liquid in PBS pH 7.4.   |
| Application Dilute | To be determined by end user  |
| Application Notes  | <p>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 treatments and isolation procedures. Rabbit anti-PsbA antibody can detect more than one band of PsbA protein, e.g. precursor and mature protein as compare to the hen anti-PsbA antibodies AS01 016. This antibody will detect the phosphorylated form of D1 as an alternate band to the main band on a high resolution gel. The antibody will bind to cross-linked proteins: D1/D2, D1/cyt b559, D1/CP43.</p> |