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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 (), 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	A. thaliana, 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, Chlamydomonas reinhardtii P07753, Synechocystis sp. P14660 and many others
Clonality	Polyclonal
Molecular Weight	38 28-30 kDa
NCBI	844802
UniProt	P83755

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>