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Product Datasheet

Anti-PsbP | 23 kDa protein of the oxygen evolving complex (OEC) of PSII (anti-protein), Rabbit, Polyclonal AGR-AS06-142-23

Article Name	Anti-PsbP 23 kDa protein of the oxygen evolving complex (OEC) of PSII (anti-protein), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS06-142-23
Supplier Catalog Number	AS06-142-23
Alternative Catalog Number	AGR-AS06-142-23
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Plant
Immunogen	native, purified 23 kDa protein from Spinacia oleracea, UniProt: P12302
Product Description	PSII reaction centre components are generating the redox potential required to drive highly oxidizing water splitting reaction. Four Mn atoms are present on a luminal surface and form the catalytic site of the water-splitting reaction whic...
Clonality	Polyclonal
Molecular Weight	28 23 kDa
UniProt	P12302
Purity	Total IgG. Protein G purified in PBS pH 7.4.

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 2000-1 : 5000 (WB)
Application Notes	Load per well on cell extract of <i>Pinus banksiana</i> (Jack Pine) was 7 μg. This antibody can be used as a loading control for <i>Chlamydomonas reinhardtii</i> while it not so suitable for higher plants as accumulation of these proteins might drop to 12.5-25 % of the WT level in mutants defective for PSII core (Schult et al. 2007).