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## Product Datasheet

### **PsbO | 33 kDa of the oxygen evolving complex (OEC) of PSII (anti-protein), Polyclonal AGR-AS06-142-33**

Article Name	PsbO   33 kDa of the oxygen evolving complex (OEC) of PSII (anti-protein), Polyclonal
Biozol Catalog Number	AGR-AS06-142-33
Supplier Catalog Number	AS06-142-33
Alternative Catalog Number	AGR-AS06-142-33
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IP, WB
Species Reactivity	A. thaliana, Plant
Immunogen	Native purified 33 kDa protein from Spinacia oleracea UniProt: P12359
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 which is in c...
Clonality	Polyclonal
Molecular Weight	35   33 kDa
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	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).