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## Product Datasheet

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

Artikelname	PsbO   33 kDa of the oxygen evolving complex (OEC) of PSII (anti-protein), Polyclonal
Artikelnummer	AGR-AS06-142-33
Hersteller Artikelnummer	AS06-142-33
Alternativnummer	AGR-AS06-142-33
Hersteller	Agrisera
Wirt	Rabbit
Kategorie	Antikörper
Applikation	IP, WB
Spezies Reaktivität	A. thaliana, Plant
Immunogen	Native purified 33 kDa protein from Spinacia oleracea UniProt: P12359
Produktbeschreibung	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...
Klonalität	Polyclonal
Molekulargewicht	35   33 kDa
Reinheit	Total IgG. Protein G purified in PBS pH 7.4.

Formulierung	Lyophilized
Antibody Type	Polyclonal Antibody
Application Verdünnung	1 : 2000-1 : 5000 (WB)
Anwendungsbeschreibung	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).