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## Product Datasheet

### Anti-PsbD | D2 protein of PSII, Rabbit, Polyclonal AGR-AS06-146

Article Name	Anti-PsbD   D2 protein of PSII, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS06-146
Supplier Catalog Number	AS06-146
Alternative Catalog Number	AGR-AS06-146
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Algae, Bacteria, Plant
Immunogen	KLH-conjugated synthetic peptide derived from the C-terminal of known PsbD sequences including <i>Arabidopsis thaliana</i> P56761, <i>Hordeum vulgare</i> P11849, <i>Chlamydomonas reinhardtii</i> P06007, <i>Synechococcus</i> sp. PCC 7002 P20898
Product Description	D2 protein (PsbD) forms the reaction core of PSII (Photosystem II) as a heterodimer with the D1 protein (PsbA). PsbD is homologous to the D1 protein, with slightly higher molecular mass of about 39.5 kDa. Accumulation of D2 protein is an important st...
Clonality	Polyclonal
Molecular Weight	39.4   28-30 kDa
NCBI	<a href="#">844775</a>
UniProt	<a href="#">P56761</a>

Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1: 10 000 (CN-PAGE), 1: 5000 - 1 : 50 000 (WB)
Application Notes	<p>There is a confirmed cross-reaction with TLA1 protein in <i>Chlamydomonas reinhardtii</i>. For samples with a very low PSII content there might be detection problems independent of the antibody. PSII proteins can vary in level depending upon liquid culture conditions. When the cells are in a stationary phase PSII content can drop to a very low level.</p>