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Product Datasheet

PsbD | D2 protein of PSII positive control/quantitation standard AGR-AS09-146S

Article Name	PsbD D2 protein of PSII positive control/quantitation standard
Biozol Catalog Number	AGR-AS09-146S
Supplier Catalog Number	AS09-146S
Alternative Catalog Number	AGR-AS09-146S
Manufacturer	Agrisera
Category	Proteine/Peptide
Application	WB
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...
Molecular Weight	In most gel systems PsbD migrates around 28-30 kDa
Form	Lyophilized in glycerol
Antibody Type	Secondary Antibody
Application Dilute	Standard curve: 3 loads are recommended (0.5, 2 and 4µl).For most applications a sample load of 0.2 µg of chlorophyll will give a PsbD signal in this range.Positive control: a 2 µl load per well is optimal for most chemiluminescent detection systems. Thi
Application Notes	Concentration: after adding 225 l of milliQ water final concentration of the standard is 0.25 pmoles/ulProtein standard buffer composition: Glycerol 10%, Tris Base 141 mM, Tris HCl 106 mM, LDS 2%, EDTA 0.51 mM, SERVA Blue G250 0.22 mM, Phenol Red 0.175 m