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## Product Datasheet

### RbcL II | Rubisco form II positive control/quantitation standard AGR-AS15-2955S

Article Name	RbcL II   Rubisco form II positive control/quantitation standard
Biozol Catalog Number	AGR-AS15-2955S
Supplier Catalog Number	AS15-2955S
Alternative Catalog Number	AGR-AS15-2955S
Manufacturer	Agrisera
Category	Sonstiges
Application	WB
Product Description	Rubisco (Ribulose-1,5-bisphosphate carboxylase/oxygenase) catalyzes the rate-limiting step of CO <sub>2</sub> fixation in photosynthetic organisms. Form II Rubisco is present in many photosynthetic bacteria and archaea and in some photosynthetic dinoflagellates....
Molecular Weight	52,7 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/well will give a RbcL signal in this range.Positive control: a 2 µl load per well is optimal for most chemiluminescent detection systems
Application Notes	Concentration: after re-constitution with sterile milliQ water final concentration of the standard is 0.15 pmoles/ IProtein 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, Pheno