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Product Datasheet

RbcL | Rubisco positive control/quantitation standard AGR-AS01-017S

Article Name	RbcL Rubisco positive control/quantitation standard
Biozol Catalog Number	AGR-AS01-017S
Supplier Catalog Number	AS01-017S
Alternative Catalog Number	AGR-AS01-017S
Manufacturer	Agrisera
Category	Sonstiges
Application	WB
Product Description	Rubisco (Ribulose-1,5-bisphosphate carboxylase/oxygenase) catalyzes the rate-limiting step of CO ₂ fixation in photosynthesis. It is one of the most abundant proteins on Earth and its homology has been demonstrated from purple bacteria to flowering pl...
Molecular Weight	52.7 kDa
Form	Lyophilized in glycerol.
Antibody Type	Secondary Antibody
Application Dilute	Standard curve: three protein standard loads are recommended. 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 sys
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