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## Product Datasheet

### **Anti-RbcL | Rubisco large subunit, form I (affinity purified), Rabbit, Polyclonal AGR-AS03-037A**

Article Name	Anti-RbcL   Rubisco large subunit, form I (affinity purified), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS03-037A
Supplier Catalog Number	AS03-037A
Alternative Catalog Number	AGR-AS03-037A
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IF, WB
Species Reactivity	A. thaliana, Algae, Bacteria, Plant
Immunogen	KLH-conjugated synthetic peptide conserved across all known plant, algal and (cyano)bacterial RbcL protein sequences (form I L8S8 and form II L2), including <i>Arabidopsis thaliana</i> O03042, <i>Hordeum vulgare</i> P05698, <i>Oryza sativa</i> P0C510, <i>Chlamydomonas reinhardtii</i> P00877, <i>Synechococcus</i> PCC 7920 A5CKC5
Product Description	This antibody is especially suitable for quantifying of Rubisco in plant and algal samples. Rubisco (Ribulose-1,5-bisphosphate carboxylase/oxygenase) catalyzes the rate-limiting step of CO <sub>2</sub> fixation in photosynthetic organisms. It is demonstrably hom...
Clonality	Polyclonal

Molecular Weight	52.7 kDa ( <i>Arabidopsis thaliana</i> ), 52.5 kDa ( <i>cyanobacteria</i> ), 52.3 ( <i>Chlamydomonas reinhardtii</i> )
NCBI	<a href="#">844754</a>
UniProt	<a href="#">O03042</a>
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 5000-10 000 (WB)
Application Notes	For reconstitution add 50 µl of sterile water