

Rabbit rbcL Polyclonal Antibody | anti-rbcL antibody

rbcL Antibody

CATALOG # AAA235407	HOST Rabbit	APPLICATIONS Western Blot, ELISA
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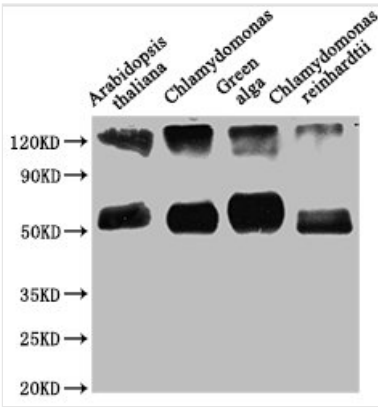
PRODUCT SYNONYMS

rbcL; Polyclonal Antibody; rbcL Antibody; Ribulose biphosphate carboxylase large chain; RuBisCO large subunit; EC 4.1.1.39; anti-rbcL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid; Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-rbcL antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Arabidopsis thaliana Ribulose biphosphate carboxylase large chain protein (3-479AA)
Species Reactivity	Arabidopsis thaliana
Conjugate	Non-conjugated
Immunogen Species	Arabidopsis thaliana
Research Area	Others
Target Names	rbcL
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



WB (Western Blot)
Western BlotPositive WB detected in: Arabidopsis thaliana leaf tissue, Chlamydomonas tissue, Green alga tissue, Chlamydomonas reinhardtii tissueAll lanes: rbcL antibody at 1:1250SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 53 kDaObserved band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-rbcL antibody	RuBisCO catalyzes two reactions: the carboxylation of D-ribulose 1, 5-bisphosphate, the primary event in carbon dioxide fixation, as well as the oxidative fragmentation of the pentose substrate in the photorespiration process. Both reactions occur simultaneously and in competition at the same active site.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7525041
NCBI GeneID	844754
NCBI Accession #	NP_051067.1
NCBI GenBank Nucleotide #	NC_000932.1
UniProt Accession #	O03042
NCBI Official Full Name	ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (chloroplast)
NCBI Official Symbol	rbcL
NCBI Protein Information	ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit
UniProt Protein Name	Ribulose bisphosphate carboxylase large chain
UniProt Gene Name	rbcL
UniProt Synonym Gene Names	RuBisCO large subunit

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.