RBCS1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RBCS1, Polyclonal Antibody
Full Product Name	RBCS1 Antibody
Product Gene Name	anti-RBCS1 antibody
Product Synonym Names	RBCS1; Ribulose bisphosphate carboxylase small chain C, chloroplastic (RuBisCO small subunit C)(EC 4.1.1.39); RBCS-C
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Solanum tuberosum (Potato)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	20,368 Da
3D Structure	ModBase 3D Structure for P10647
Immunogen	Recombinant Solanum tuberosum (Potato) RBCS1 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RBCS1 antibody	ELISA (EIA), Western Blot (WB)(ensure identification of antigen)
Related Product Information for anti-RBCS1 antibody	MBS7152118 is an antibody targeting RBCS1. Also known as RBCS1 Antibody. Reactive in Solanum tuberosum (Potato). Host: Rabbit.
Other Notes	Small volumes of anti-RBCS1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RBCS1. It may not necessarily be applicable to this product.

NCBI GI #	568214562
NCBI GeneID	102605737
NCBI Accession #	NP_001275244.1
UniProt Primary Accession #	P10647
UniProt Related Accession #	P10647; P32764

GenBank Nucleotide #	NM_001288315.1
NCBI Official Full Name	ribulose bisphosphate carboxylase small chain C, chloroplastic
NCBI Official Symbol	RBCS-C
NCBI Official Synonym Symbols	rbcS3; RBCS-3
UniProt Protein Name	Ribulose bisphosphate carboxylase small chain C, chloroplastic
Protein Family	Ribulose bisphosphate carboxylase
UniProt Gene Name	RBCS-C
UniProt Synonym Gene Names	RuBisCO small subunit C
NCBI Protein Information	ribulose bisphosphate carboxylase small chain C, chloroplastic
UniProt Comments for RBCS1	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. Both reactions occur simultaneously and in competition at the same active site ().
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