PSBO Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSBO, Polyclonal Antibody
Full Product Name	PSBO Antibody, HRP conjugated
Product Gene Name	anti-PSBO antibody
Product Synonym Names	Oxygen-evolving enhancer protein 1; chloroplasticOEE1; 33 kDa subunit of oxygen evolving system of photosystem II; 33 kDa thylakoid membrane protein; OEC 33 kDa subunit; PSBO
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Spinacia oleracea
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PSBO (MBS7046460) HRP Conjugated Antibody: PSBO (MBS7045168)
Molecular Weight	35,171 Da
3D Structure	ModBase 3D Structure for P12359
Species	Spinacia oleracea
Immunogen	Recombinant Spinacia oleracea Oxygen-evolving enhancer protein 1, chloroplastic protein
Conjugate	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PSBO antibody	ELISA (EIA)
Related Product Information for anti-PSBO antibody	Stabilizes the manganese cluster which is the primary site of water splitting (By similarity). Binds GTP after preillumination of photosystem II core complex. This binding is inhibited by DCMU.
Other Notes	Small volumes of anti-PSBO 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.
Searchable Terms for PSBO purchase	MBS7045168 is an antibody targeting PSBO. Also known as PSBO Antibody, HRP conjugated. Reactive in Spinacia oleracea. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	131386

NCBI Accession #	P12359.1
UniProt Primary Accession #	P12359
NCBI Official Full Name	Oxygen-evolving enhancer protein 1, chloroplastic
UniProt Protein Name	Oxygen-evolving enhancer protein 1, chloroplastic
UniProt Synonym Protein Names	33 kDa subunit of oxygen evolving system of photosystem II; 33 kDa thylakoid membrane protein; OEC 33 kDa subunit
Protein Family	Oxygen-evolving enhancer protein
UniProt Gene Name	PSBO
UniProt Synonym Gene Names	OEE1
UniProt Entry Name	PSBO_SPIOL
UniProt Comments for PSBO	Stabilizes the manganese cluster which is the primary site of water splitting (). Binds GTP after preillumination of photosystem II core complex. This binding is inhibited by DCMU.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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