PSBO Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSBO, Polyclonal Antibody
Full Product Name	Rabbit anti-Solanum tuberosum (Potato) PSBO Polyclonal Antibody
Product Gene Name	anti-PSBO antibody
Product Synonym Names	PSBO Antibody; Oxygen-evolving enhancer protein 1, chloroplastic; OEE1; 33kDa subunit of oxygen evolving system of photosystem II; 33kDa thylakoid membrane protein; OEC 33kDa subunit; PSBO
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	35,389 Da
3D Structure	ModBase 3D Structure for P26320
Immunogen	Recombinant Solanum tuberosum (Potato) PSBO protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PSBO antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-PSBO antibody	MBS7154732 is an antibody targeting PSBO. Also known as Rabbit anti-Solanum tuberosum (Potato) PSBO Polyclonal Antibody. Reactive in Solanum tuberosum (Potato). Host: Rabbit.
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.

ADDITIONAL DETAILS

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

NCBI GI #	131385
NCBI GeneID	102577592
NCBI Accession #	P26320.1
UniProt Primary Accession #	P26320
UniProt Related Accession #	P26320

NCBI Official Full Name	Oxygen-evolving enhancer protein 1, chloroplastic
NCBI Official Symbol	LOC102577592
NCBI Official Synonym Symbols	OEE1; PSBO; MSP-II
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
NCBI Protein Information	oxygen-evolving enhancer protein 1, chloroplastic; oxygen-evolving enhancer protein 1, chloroplastic-like
UniProt Comments for PSBO	Stabilizes the manganese cluster which is the primary site of water splitting.
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