

Anti-PSBO1/2 Antibody

Catalog # AP54173

Product Information

Application	WB
Primary Accession	P23321
Other Accession	Q9S841
Reactivity	Arabidopsis thaliana
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35142

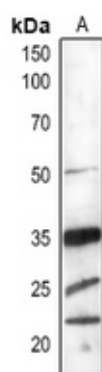
Additional Information

Gene ID	836789
Other Names	PSBO; Oxygen-evolving enhancer protein 1-1 chloroplastic; OEE1; 33 kDa subunit of oxygen evolving system of photosystem II; 33 kDa thylakoid membrane protein; Manganese-stabilizing protein 1; MSP-1; OEC 33 kDa subunit; Oxygen-evolving enhancer protein 1-2 chloroplastic; OEE1; 33 kDa subunit of oxygen evolving system of photosystem II; 33 kDa thylakoid membrane protein; Manganese-stabilizing protein 2; MSP-2; OEC 33 kDa subunit
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of arabidopsis thaliana PSBO1/2. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/2000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PSBO1 {ECO:0000303 PubMed:11719511}
Function	Stabilizes the manganese cluster which is the primary site of water splitting.
Cellular Location	Plastid, chloroplast thylakoid membrane; Peripheral membrane protein; Lumenal side Note=Associated with the photosystem II complex
Tissue Location	Leaves.

Images



Western blot analysis of PSBO1/2 expression in Arabidopsis thaliana (A) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 35 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.