

ARG67176 anti-PSAD1 + PSAD2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PSAD1 and PSAD2
Tested Reactivity	Arabi
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PSAD1 + PSAD2
Species	Plant
Immunogen	Synthetic peptide corresponding to center region of arabidopsis thaliana PSAD1/2 protein.
Conjugation	Un-conjugated
Alternate Names	Photosystem I reaction center subunit II-1 chloroplastic; Photosystem I 20 kDa subunit 1; PSI-D1; Photosystem I reaction center subunit II-2 chloroplastic; Photosystem I 20 kDa subunit 2; PSI-D2

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	22 kDa	

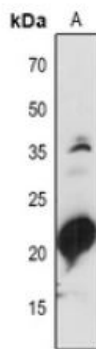
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PSAD1; PSAD2
Gene Full Name	photosystem I subunit D-1 + photosystem I subunit D-2
Background	Encodes a protein predicted by sequence similarity with spinach PsaD to be photosystem I reaction center subunit II
Function	PsaD can form complexes with ferredoxin and ferredoxin-oxidoreductase in photosystem I (PS I) reaction center. [UniProt] PSAD may encode the ferredoxin-docking protein. [UniProt]
Calculated Mw	22 kDa
Cellular Localization	Plastid, chloroplast thylakoid membrane. [UniProt]

Images



ARG67176 anti-PSAD1 + PSAD2 antibody WB image

Western blot: *Arabidopsis thaliana* stained with ARG67176 anti-PSAD1 + PSAD2 antibody.