



Anti-PsbQ (full length) polyclonal antibody (DPATB-H82826)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Anti-PsbQ Polyclonal Antibody
Target	PsbQ
Immunogen	Recombinant full length PsbQ protein of photosystem II (tobacco).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Tobacco
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB
Cellular Localization	Plastid, chloroplast thylakoid membrane
Positive Control	Chloroplast proteins from tomato (<i>Lycopersicon esculentum</i>); spinach (<i>Spinacia oleracea</i>), tobacco (<i>Nicotiana tabacum</i>) and membrane proteins from <i>Synechocystis</i> sp. PCC 6803.
Format	Liquid
Size	50 µl
Preservative	0.01% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	PsbQ, also known as 27 kDa protein, is one of the three components (PsbO, PsbP and PsbQ) of oxygen evolving complex (OEC) in higher plants. The cyanobacterial photosystem II have five associated extrinsic proteins, PsbO, PsbP, PsbQ, PsbU and PsbV. This class
Keywords	16 kDa subunit of oxygen evolving system of photosystem II; OEC 27 kDa subunit; OEC16; OEE3; OXYGEN EVOLVING COMPLEX SUBUNIT 27 KDA; Oxygen-evolving enhancer protein 3 1, chloroplast; Oxygen-evolving enhancer protein 3 2, chloroplast; PSBQ 1; PSBQ; PSBQ/PSBQ