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Anti-atpB Antibody

Catalog # AP54155

Product Information

Application	WB
Primary Accession	P19366
Reactivity	Arabidopsis thaliana
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53934

Additional Information

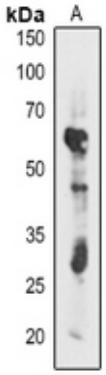
Gene ID	844757
Other Names	ATP synthase subunit beta chloroplastic; ATP synthase F1 sector subunit beta; F-ATPase subunit beta
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of arabidopsis thaliana atpB. The exact sequence is proprietary.
Dilution	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	atpB {ECO:0000255|HAMAP-Rule:MF_01347}
Function	Produces ATP from ADP in the presence of a proton gradient across the membrane (By similarity). The catalytic sites are hosted primarily by the beta subunits (By similarity).
Cellular Location	Plastid, chloroplast thylakoid membrane {ECO:0000255|HAMAP-Rule:MF_01347}; Peripheral membrane protein {ECO:0000255|HAMAP-Rule:MF_01347}

Images

Western blot analysis of atpB expression in arabidopsis



thaliana (A) whole cell lysates. (Predicted band size: 53 kD; Observed band size: 54 kD)

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