

Anti-atpB Antibody
Catalog # AP54155**Specification**

Anti-atpB Antibody - Product Information

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

Anti-atpB Antibody - 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 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-atpB Antibody - 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. The catalytic sites are hosted primarily by the beta subunits.

Cellular Location

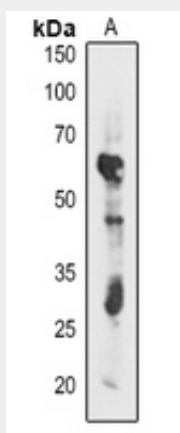
Plastid, chloroplast thylakoid membrane {ECO:0000255|HAMAP-Rule:MF_01347}; Peripheral membrane protein {ECO:0000255|HAMAP-Rule:MF_01347}

Anti-atpB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-atpB Antibody - Images



Western blot analysis of atpB expression in Arabidopsis thaliana (A) whole cell lysates.

Anti-atpB Antibody - Background

Rabbit polyclonal antibody to atpB