

Product datasheet

Anti-atpF antibody ab65382

1 Image

Overview

Product name	Anti-atpF antibody
Description	Rabbit polyclonal to atpF
Host species	Rabbit
Specificity	ab65382 is specific for AtpF subunit of ATP synthase.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Arabidopsis thaliana, Plants, Chlamydomonas reinhardtii
Immunogen	Full length protein: atpF subunit of the chloroplast ATP synthase complex extracted from Arabidopsis thaliana.
Positive control	Arabidopsis and spinach chloroplast proteins.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Sodium Azide
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab65382** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/5000. Detects a band of approximately 21 kDa (predicted molecular weight: 21 kDa).

Target

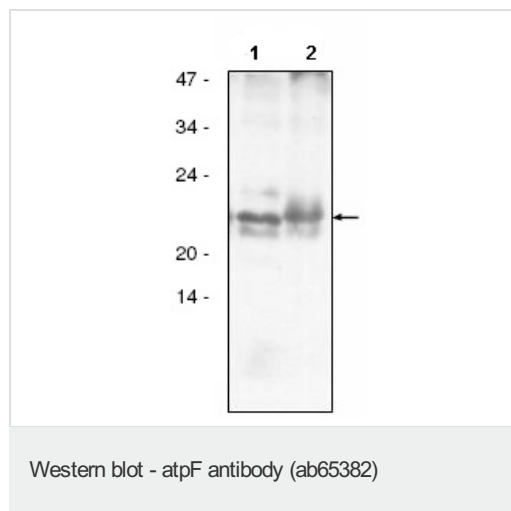
Relevance

atpF belongs to the family of F1-type ATPases, which are also present in bacteria and mitochondria. ATP synthase generates ATP from ADP and inorganic phosphate using energy derived from a trans-thylakoidal electrochemical proton gradient. The transmembrane atpF subunit belongs to a stator part of ATP synthase.

Cellular localization

Plastid, chloroplast thylakoid membrane; Single-pass membrane protein.

Images



All lanes : Anti-atpF antibody (ab65382) at 1/5000 dilution

Lane 1 : Arabidopsis chloroplast proteins

Lane 2 : spinach chloroplast proteins

Lysates/proteins at 5 µg per lane.

Developed using the ECL technique.

Predicted band size: 21 kDa

Observed band size: 21 kDa

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