

Anti-TOC34 antibody

Catalog: PHY1264

Product Information

Description:	Rabbit polyclonal antibody
Background:	TOC34 is an outer chloroplast envelope GTPase receptor. It recognizes nuclear-encoded preproteins and regulates their import into the chloroplast through GTP hydrolysis, and its G-domain phosphorylation modulates translocon assembly.
Synonyms:	TOC34, ARABIDOPSIS THALIANA TRANSLOCON AT THE OUTER ENVELOPE MEMBRANE OF CHLOROPLASTS 34, ATTOC34, OEP34, TRANSLOCON AT THE OUTER ENVELOPE MEMBRANE OF CHLOROPLASTS 34
Immunogen:	Recombinant protein (1-266 aa) derived from <i>Arabidopsis thaliana</i> TOC34 (AT5G05000).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

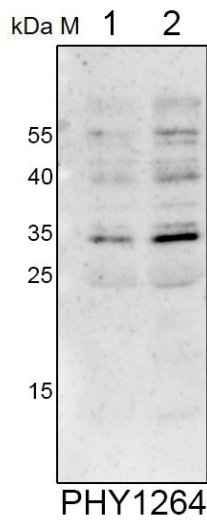
Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	34 kDa
Predicted Reactivity:	For more species homologues information, please contact tech

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support at tech@phytoab.com.

Application Example



Lane 1: 25 ug WT Arabidopsis chloroplast proteins

Lane 2: 50 ug WT Arabidopsis chloroplast proteins

Electrophoresis: 12.5% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.

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