

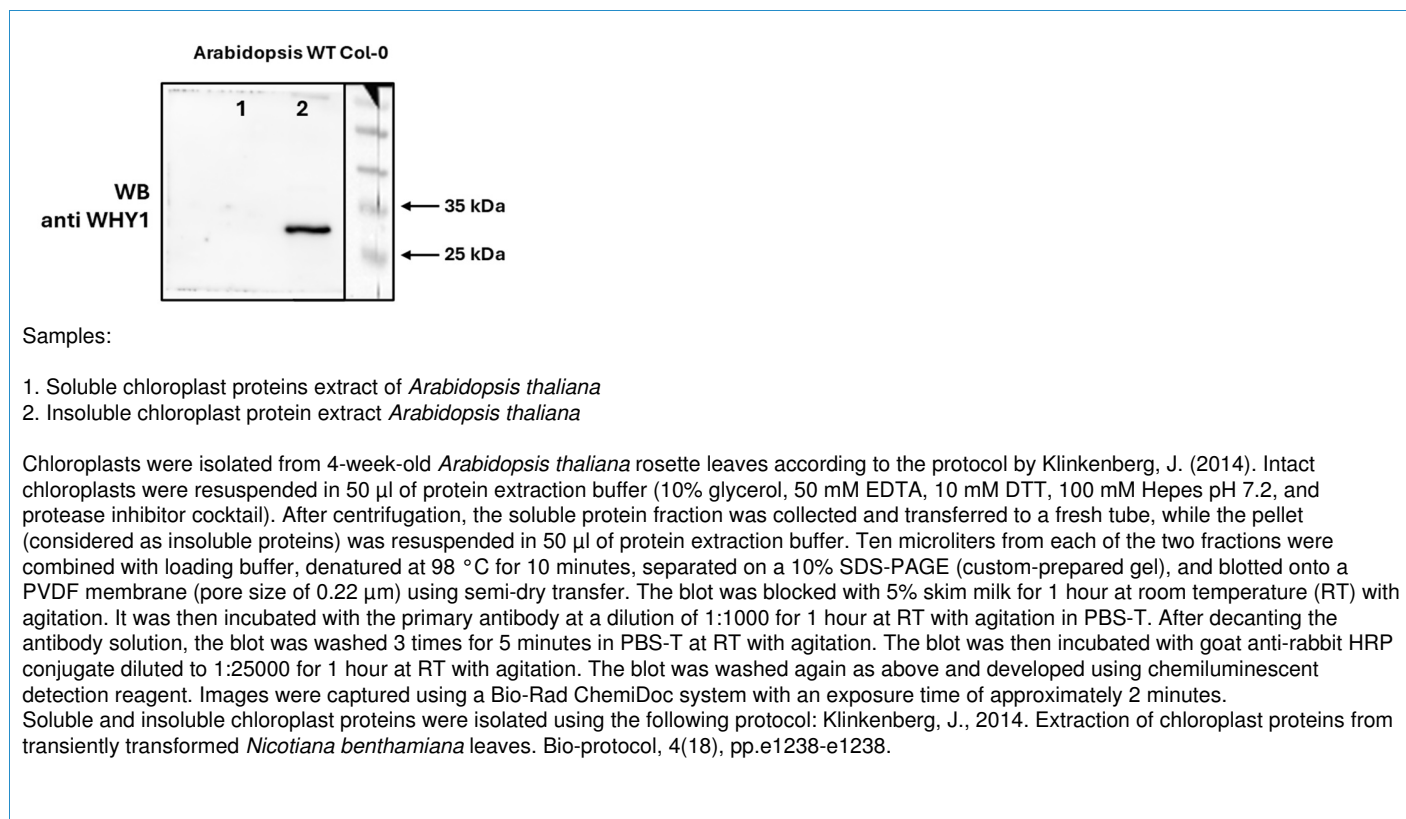
Product no **AS23 4983**  
**Anti-WHY1 | Whirly1**

## Product information

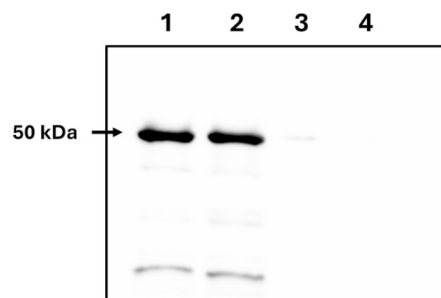
<b>Immunogen</b>	KLH-conjugated peptide derived from <i>Arabidopsis thaliana</i> WHY1 protein sequence, UniProt: <a href="#">A0A654E9P6</a> TAIR: <a href="#">AT1G14410</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Antigen affinity purified serum, in PBS pH 7.4
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µg
<b>Reconstitution</b>	For reconstitution, add 50 µl of sterile or deionized water.
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

## Application information

<b>Recommended dilution</b>	1 : 1000 (WB)
<b>Expected   apparent MW</b>	29 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	The peptide used to elicit this antibody is not found in: Whirly2 (At1g71260) and Whirly3 (At2g02740).
<b>Selected references</b>	To be added when available. Antibody released in January 2025.



Courtesy of Dr. Agata Cieśla, UAM, Poznań, Poland



Samples:

- 1 – GST-WHY1
- 2 – GST-WHY1K241R (mutated protein with substitution of lysine (K) in position 241 to arginine (R))
- 3 – GST-WHY2
- 4 – GST-WHY3

5 µg/well of recombinant GST-WHY1, GST-WHY1K241R, GST-WHY2 and GST-WHY3 were purified from bacterial cells through affinity chromatography. Samples were denatured in 98 °C for 10 min. Samples were separated on 10 % SDS-PAGE and blotted to PVDF (pore size of 0,22 µm), using semi-dry transfer. Blot was blocked with 5 % skim milk for: 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1:1000 for 1h/RT with agitation in PBS-T. The antibody solution was decanted, and the blot washed 3 times for 5 min in PBS-T at RT with agitation. The blot was incubated anti-rabbit IgG horse radish peroxidase conjugated diluted to 1: 25 000 for h/RT with agitation. The blot was washed as above and developed with chemiluminescent detection reagent. Exposure time was about 1 minute.

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