

# Anti-Ycf3-interacting protein 1, chloroplastic antibody

Catalog: PHY3154A

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	Y3IP1 is a nucleus-encoded thylakoid protein, cooperates with the plastid-encoded Ycf3 protein in photosystem I assembly. Also induces tolerance to multiple environmental stresses and reduces photooxidative damage.
<b>Synonyms:</b>	Y3IP1, ARABIDOPSIS THALIANA CHLOROPLAST PROTEIN-ENHANCING STRESS TOLERANCE, ATCEST, CEST, CHLOROPLAST PROTEIN-ENHANCING STRESS TOLERANCE, YCF3-INTERACTING PROTEIN 1
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (14 aa from central section) derived from <i>Arabidopsis thaliana</i> Y3IP1 (AT5G44650).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Immunogen affinity purified
<b>Reconstitution:</b>	Reconstitution with 150 µl of 0.01 M sterile PBS (pH 7.4). "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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	32 kDa

Research Use Only

**Predicted Reactivity:**

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).