

# Anti-YUCCA8 protein antibody

Catalog: PHY8133A

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	YUCCA8 is Involved in auxin biosynthesis. Belongs to the set of redundant YUCCA genes probably responsible for auxin biosynthesis in roots.
<b>Synonyms:</b>	YUC8, CKRC2, CYTOKININ INDUCED ROOT CURLING 2, YUCCA 8, YUCCA8
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> YUC8 (AT4G28720).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Immunogen affinity purified
<b>Reconstitution:</b>	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".
<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>	48 kDa
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica napus</i> (Rape), <i>Brassica oleracea</i> (Wild cabbage), <i>Brassica campestris</i> (Field mustard), <i>Camelina sativa</i> (False flax) ( <i>Myagrum</i>

Research Use Only

*sativum*), *Arabidopsis lyrata* subsp. *lyrata* (Lyre-leaved rock-cress),  
*Brassica oleracea* var. *oleracea*, *Cardamine amara* subsp. *Amara*,  
*Brassica rapa* subsp. *Trilocularis*, *Capsella rubella*.

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