

# Anti-Protein XAP5 CIRCADIAN TIMEKEEPER, C-terminal antibody

Catalog: PHY1041S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	XCT is a nuclear localized XAP5 family protein involved in light regulation of the circadian clock and photomorphogenesis.
<b>Synonyms:</b>	XCT, XAP5 CIRCADIAN TIMEKEEPER
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (14 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> XCT (AT2G21150).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum  Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	Reconstitution with 150 µl of sterile water.  "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 (1:100-1:500)  Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	39 kDa
<b>Confirmed Reactivity:</b>	Coming soon
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in <i>Brassica</i>

Research Use Only

*napus*, *Brassica rapa*, and 80-99% homologues with the sequence in *Vitis vinifera*, *Physcomitrium patens*, *Triticum aestivum*, *Glycine max*, *Gossypium raimondii*, *Medicago truncatula*, *Nicotiana tabacum*, *Populus trichocarpa*, *Solanum lycopersicum*, *Solanum tuberosum*, *Cucumis sativus*, *Panicum virgatum*, *Setaria viridis*, *Oryza sativa Japonica Group*, *Zea mays*, *Sorghum bicolor*, *Hordeum vulgare*. For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).