

Anti-Proliferating cellular nuclear antigen 1/2 antibody

Catalog: PHY3378S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PCNA is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.
Synonyms:	PCNA, ATPCNA, PROLIFERATING CELLULAR NUCLEAR ANTIGEN
Immunogen:	KLH-conjugated synthetic peptide (13 aa from Central section) derived from <i>Arabidopsis thaliana</i> AT1G07370 (PCNA1) and AT2G29570 (PCNA2)
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl 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".
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:	29 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica napus</i> , <i>Populus trichocarpa</i> , <i>Brassica rapa</i> , and 80-99% homologues with the sequence in <i>Gossypium raimondii</i> , <i>Populus trichocarpa</i> , <i>Medicago</i>

Research Use Only

truncatula, Vitis vinifera, Nicotiana tabacum, Cucumis sativus, Solanum lycopersicum, Spinacia oleracea, Vitis vinifera, Oryza sativa Japonica Group.

For more species homologues information, please contact tech support at tech@phytoab.com.