

Anti-Serine/threonine-protein phosphatase PP-X isozyme 1, C-terminal antibody

Catalog: PHY2243S

Product Information

Description:	Rabbit polyclonal antibody
Background:	The PPX/PP4 Ser/Thr protein phosphatases belong to the type 2A phosphatase subfamily and are present in most eukaryotic organisms. There are two closely related DNAs encoding PPX isoforms (PPX-1 and PPX-2) of <i>Arabidopsis thaliana</i> .
Synonyms:	PPX1, PP4 CATALYTIC (PP4C) SUBUNIT 1, PP4-1, PPX-1, PROTEIN PHOSPHATASE X 1, PROTEIN PHOSPHATASE X-1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from C-terminal section of PPX1 protein in <i>Arabidopsis thaliana</i> AT4G26720.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	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".
Stability &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	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:	35 kDa

Research Use Only

Confirmed Reactivity:

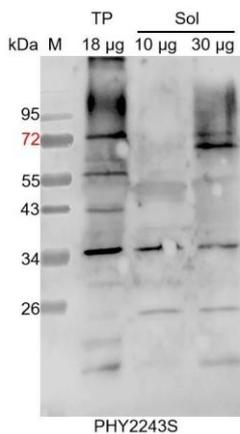
Arabidopsis thaliana

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica napus*, *Brassica rapa*, *Medicago truncatula*, *Gossypium raimondii*, *Cucumis sativus*.

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

Application Example



TP: 18 µg total protein from *Arabidopsis thaliana*.

Sol: 10 µg and 30 µg stromal protein from *Arabidopsis thaliana*, respectively.

Electrophoresis: 15% SDS-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4°C for 1 h.

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6000)

Detection: using chemiluminescence substrate and image were captured with CCD camera.