

Anti-Peptidyl-prolyl cis-trans isomerase FKBP12 antibody

Catalog: PHY7434S

Product Information

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| Description: | Rabbit polyclonal antibody |
| Background: | FKBP12 is FK506-binding protein 12. |
| Synonyms: | FKBP12, ARABIDOPSIS THALIANA FK506-BINDING PROTEIN 12, ATFKBP12, FK506-BINDING PROTEIN 12, FKP12 |
| Immunogen: | KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> FKBP12 (AT5G64350). |
| 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

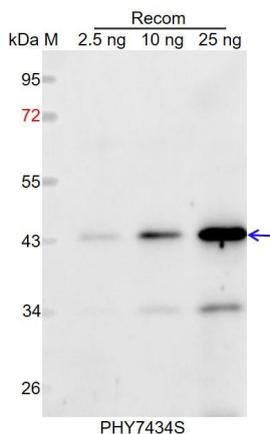
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| Recommended Dilution: | Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected / apparent MW: | 12 kDa |
| Predicted Reactivity: | Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Glycine max</i> , <i>Vitis vinifera</i> , <i>Hordeum vulgare</i> , <i>Triticum aestivum</i> , <i>Gossypium raimondii</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Brassica</i> |

Research Use Only

napus, Brassica rapa, Medicago truncatula, Populus trichocarpa, Spinacia oleracea, Panicum virgatum, Zea mays, Setaria viridis, Sorghum bicolor.

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

Application Example



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 45 kDa.

Electrophoresis: 12% 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.