

Anti-mRNA-decapping enzyme-like protein antibody

Catalog: PHY2542S

Product Information

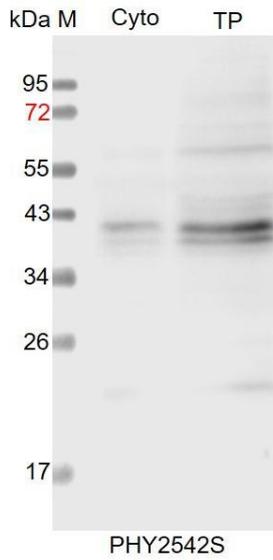
Description:	Rabbit polyclonal antibody
Background:	DCP1 is involved in mRNA decapping. DCP1 forms a mRNA decapping complex with DCP2 (AT5G13570) and VCS (VARICOSE) (AT3G13300). The protein was shown by immunoprecipitation not to interact with DCP2.
Synonyms:	DCP1, ATDCP1, DECAPPING 1
Immunogen:	Recombinant protein of DCP1 (1-182 aa) derived from <i>Arabidopsis thaliana</i> DCP1 (AT1G08370).
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 & 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:	41 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

Research Use Only

Application Example



Cyto: 24 μ g cytosolic protein from *Arabidopsis thaliana*.

TP: 30 μ g total protein from *Arabidopsis thaliana*.

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: 1:2000 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.