

## Anti-Zinc finger protein CONSTANS antibody

Catalog: PHY1912A

## **Product Information**

Description:	Rabbit polyclonal antibody	
Background:	CO shows similarities to zinc finger transcription factors, it is involved in	
	regulation of flowering under long days.	
Synonyms:	CO, B-BOX DOMAIN PROTEIN 1, BBX1, CONSTANS, FG	
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from	
	Arabidopsis thaliana CO (AT5G15840).	
Form:	Lyophilized	
Quantity:	150 µg	
Purification:	Immunogen affinity purified	
<b>Reconstitution:</b>	Reconstitution with 150 µl of 0.01 M sterile PBS.	
	"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.	

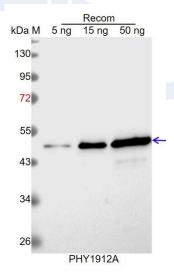
## **Application Information**

Recommended Dilution:	Western Blot (1:1000-1:2000)
	Note: Optimal dilutions/concentrations should be determined by the
	end user.
Expected / apparent MW:	42 kDa
Predicted Reactivity:	For more species homologues information, please contact tech
	support at <u>tech@phytoab.com</u> .

Research Use Only



## **Application Example**



Recom: 5 ng, 15 ng and 50 ng recombinant protein containing the peptide for immunization and having a molecular mass of 50 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.



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