

## Anti-AT-rich interactive domain protein antibody

Catalog: PHY3089A

## **Product Information**

Description:	Rabbit polyclonal antibody	
Background:	AT1G73885	
Synonyms:	AT1G73885	
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from	
	Arabidopsis thaliana AT1G73885.	
Form:	Lyophilized	
Quantity:	150 µg	
Purification:	Immunogen affinity purified	
<b>Reconstitution:</b>	Reconstitution with 150 $\mu$ l of sterile 1 $ imes$ PBS (PH=7.4).	
	"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 $^\circ C$ as supplied.	
	6 months, -20 to -70 $^\circ\!\!\mathbb{C}$ under sterile conditions after reconstitution.	
	1 month, 2 to 8 $^\circ C$ under sterile conditions after reconstitution.	
Shipping:	The product is shipped at 4 $^\circ\!{ m C}$ . Upon receipt, store it immediately at the	
	temperature recommended above.	

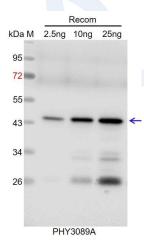
## **Application Information**

Recommended Dilution:	Western Blot (1:1000-1:2000)
	Note: Optimal dilutions/concentrations should be determined by the
	end user.
Expected / apparent MW:	21 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for
	immunization is 80-99% homologues with the sequence in <i>Brassica</i>
	napus, Brassica rapa.
	For more species homologues information, please contact tech
	support at <u>tech@phytoab.com</u> .

**Research Use Only** 



## **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  $4^{\circ}$  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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