

Anti-Retinoblastoma related protein 1 antibody

Catalog: PHY0239S

Product Information

Description:	Rabbit polyclonal antibody
Background:	RBR or RBR1 is a retinoblastoma homologue RETINOBLASTOMA-RELATED protein. RBR controls nuclear proliferation in the female gametophyte. It is Also required for correct differentiation of male gametophytic cell types. It regulates stem cell maintenance in Arabidopsis roots. It is involved in the determination of cell cycle arrest in G1 phase after sucrose starvation. RBR1 is also involved in regulation of imprinted genes.
Synonyms:	RBR1, ATRBR1, RB, RB1, RBR, RETINOBLASTOMA 1, RETINOBLASTOMA-RELATED, RETINOBLASTOMA-RELATED 1, RETINOBLASTOMA-RELATED PROTEIN 1
Immunogen:	KLH-conjugated synthetic peptide of ATRBR1 derived from <i>Arabidopsis thaliana</i> AT3G12280.
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

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
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Research Use Only

Expected/apparent MW: 112 kDa

Confirmed Reactivity: Coming soon

Predicted Reactivity: Among 25 analyzed species, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica rapa*.

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