

Anti-XR7/SDG25 antibody

Catalog: PHY1182S

Product Information

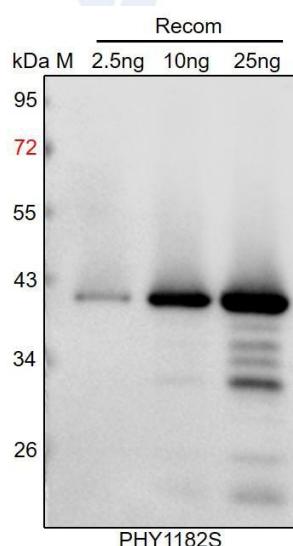
Description:	Rabbit polyclonal antibody
Background:	XR7/SDG25 is a histone methyltransferase. It regulates flowering time by activating the floral repressor FLC and also controls seed dormancy and plant immunity through epigenetic modifications.
Synonyms:	XR7, ATXR7, SDG25, SET DOMAIN PROTEIN 25
Immunogen:	KLH-conjugated synthetic peptide (17 aa from central section) derived from <i>Arabidopsis thaliana</i> XR7/SDG25 (AT5G42400).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Peptide affinity form antibody available upon request at info@phytoab.com . 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:	154 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

Application Example

Research Use Only



Recom: 2.5 ng, 10 ng and 25 ng recombinant protein containing the peptide for immunization and having a molecular mass of 42 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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