

Anti-Factor of DNA methylation 4, N-terminal antibody

Catalog: PHY3801S

Product Information

Description:	Rabbit polyclonal antibody
Background:	FDM4 belongs to a subgroup of SGS3-like proteins that act redundantly in RNA-directed DNA methylation: AT1G15910 (FDM1), AT4G00380 (FDM2), AT3G12550 (FDM3), AT1G13790 (FDM4), AT1G80790 (FDM5).
Synonyms:	FDM4, FACTOR OF DNA METHYLATION 4
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> FDM4 (AT1G13790).
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:	86 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Gossypium raimondii</i> , <i>Nicotiana tabacum</i> , <i>Oryza sativa</i> , <i>Populus trichocarpa</i> , <i>Panicum virgatum</i> , <i>Zea mays</i> , <i>Brassica napus</i> , <i>Brassica</i>

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rapa, Hordeum vulgare, Triticum aestivum, and 80-99% homologues with the sequence in *Medicago truncatula, Glycine max, Sorghum bicolor, Cucumis sativus, Solanum tuberosum, Solanum lycopersicum, Setaria viridis, Vitis vinifera, Spinacia oleracea*. For more species homologues information, please contact tech support at tech@phytoab.com.