

Anti-[Ribulose-bisphosphate carboxylase]-lysine N-methyltransferase-like antibody

Catalog: PHY2652S

Product Information

Description:	Rabbit polyclonal antibody
Background:	In <i>Arabidopsis thaliana</i> , [Ribulose-bisphosphate carboxylase]-lysine N-methyltransferase-like (RMT) can use with low efficiency gamma-tocopherol methyltransferase as substrate, but it isn't a cytosolic aldolase. RMT can also be able to interact with unmethylated Rubisco, but unlike in pea, the complex is catalytically unproductive.
Synonyms:	LSMT-L, LYSINE METHYLTRANSFERASE (LSMT)-LIKE
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> LSMT-L (AT1G14030).
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:	55 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica rapa*, *Brassica napus*, *Sorghum bicolor*, *Zea mays*, and is 80-99% homologues with the sequence in *Vitis vinifera*, *Gossypium raimondii*, *Panicum virgatum*, *Setaria viridis*, *Oryza sativa*, *Hordeum vulgare*, *Glycine max*, *Medicago truncatula*, *Physcomitrium patens*, *Triticum aestivum*, *Cucumis sativus*, *Spinacia oleracea*.

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