

Anti-Oil body-associated protein 1A antibody

Catalog: PHY0771S

Product Information

Description:	Rabbit polyclonal antibody
Background:	OBAP1A is tyrosine-phosphorylated and its phosphorylation state is modulated in response to ABA in <i>Arabidopsis thaliana</i> seeds. OBAP1 protein was detected in the oil body cellular fraction of <i>Arabidopsis</i> embryos.
Synonyms:	OBAP1A, OIL BODY-ASSOCIATED PROTEIN 1A
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> OBAP1A (AT1G05510).
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:	27 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in Brassica

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napus, *Brassica rapa*, and 80-99% homologues with the sequence in *Nicotiana tabacum*, *Solanum lycopersicum*, *Solanum tuberosum*, *Vitis vinifera*.

The sequence of the synthetic peptide used for immunization is 86% homologues with the sequence in OBAP1B (AT2G31985).

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