

# Anti-Linoleate 9S-lipoxygenase 1 antibody

Catalog: PHY7910S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	LOX1 is lipoxygenase, a defense gene conferring resistance Xanthomonas campestris The mRNA is cell-to-cell mobile.
<b>Synonyms:</b>	LOX1, ARABIDOPSIS LIPOXYGENASE 1, ATLOX1, LIPOXYGENASE 1
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> LOX1 (AT1G55020).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Serum  Peptide affinity form antibody available upon request at <a href="mailto:info@phytoab.com">info@phytoab.com</a> .
<b>Reconstitution:</b>	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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000)  Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	98 kDa
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Spinacia oleracea</i> , <i>Solanum tuberosum</i> , <i>Solanum lycopersicum</i> .  For more species homologues information, please contact tech

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