

Anti-Aldehyde oxidase 2 antibody

Catalog: PHY1417S

Product Information

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| Description: | Rabbit polyclonal antibody |
| Background: | AAO2 is an aldehyde oxidase isoform, one of four Arabidopsis aldehyde oxidase genes (AAO1 (AT5G20960), AAO2(AT3G43600), AAO3(AT2G27150), and AAO4(AT1G04580)), is the most likely candidate for the enzyme, because it can efficiently catalyze the oxidation of abscisic aldehyde to ABA. |
| Synonyms: | AAO2, ALDEHYDE OXIDASE 2, ALDEHYDE OXIDASE 3, ALDEHYDE OXIDASE GAMMA, AO3, AOGAMMA, ARABIDOPSIS THALIANA ALDEHYDE OXIDASE 2, ARABIDOPSIS THALIANA ALDEHYDE OXIDASE 3, ATAO-2, ATAO3 |
| Immunogen: | KLH-conjugated synthetic peptide (18 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> AAO2 (AT3G43600). |
| Form: | Lyophilized |
| Quantity: | 150 µg |
| Purification: | Serum Peptide affinity form antibody available upon request at info@phytoab.com . |
| Reconstitution: | 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". |
| 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

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| Recommended Dilution: | Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected / apparent MW: | 145 kDa |

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

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