

Product no **AS09 445****Anti-IAA | Indole-3-acetic acid (C1') (for immunolocalization)****Product information**

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| Immunogen | BSA- conjugated, via C1 carboxyl group, indole-3-acetic acid (C1') |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Total IgG. Protein G purified in PBS. |
| Format | Liquid |
| Quantity | 200 µg |
| Storage | Store at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube. |

Additional information | IAA | Indole-3-acetic acid (C1') (for immunolocalization)**Application information**

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|-------------------------------|---|
| Recommended dilution | to be determined by end user |
| Confirmed reactivity | indole-3-acetic acid (C1') |
| Predicted reactivity | IAA indole-3-acetic acid (C1') |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Additional information | This antibody is binding not only free IAA, but also IAA conjugates at C1, glucosylester as well as amino acid conjugates. |
| Selected references | <p>Dípp Álvarez et al. (2025). The Mp ANT Auxin Loop Modulates Marchantia polymorpha Development. <i>Physiol Plant</i>. 2025 Jun 30;177(4):e70365. doi: 10.1111/ppl.70365.</p> <p>Wang et al. (2023). Auxin response factors fine tune lignin biosynthesis in response to mechanical bending in bamboo. <i>New Phytol</i>. 2023 Nov 14. doi: 10.1111/nph.19398.</p> <p>Livanos et al. (2015). Deliberate ROS production and auxin synergistically trigger the asymmetrical division generating the subsidiary cells in Zea mays stomatal complexes. <i>Protoplasma</i>. 2015 Aug 7.</p> |