

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

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**

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	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. Livanos et al. (2015) . Deliberate ROS production and auxin synergistically trigger the asymmetrical division generating the subsidiary cells in <i>Zea mays</i> stomatal complexes. <i>Protoplasma</i> . 2015 Aug 7.